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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini;
Hominidae, Homo.
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Mammalla, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Sequence 31968 from Patent WO0210449.
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/db_xref="taxon:9606"
                                           organism="Homo sapiens"
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Compugen Inc. (US)
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Wohlgemuth, J., Fry, K., Woodward, R. and Ly, N.
Methods and compositions for diagnosing or monitoring auto immune and chronic inflammatory diseases
Patent: US 6905827-A 6385 14-JUN-2005;
Expression Diagnostics, Inc.; So. San Francisco, CA
Location/Qualifiers
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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                                                                                 2337 AAGAGGAGCTGAAGACCCACATCAGCAAGGTACGCTGGGCAAGTTCACTGTGCCCATGC
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Best Local Similarity 100.0%; Pred. No. 0.34;
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US 6905827.
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Sequence 31970 from Patent WO0210449.
CQ562335
CQ562335.1 GI:41528762
Query Match 2.2%; Score 60; DB Best Local Similarity 100.0%; Pred. No. 0.3 Matches 60; Conservative 0; Mismatches
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/organism="unknown"
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1 (bases 1 to 50)

1 (bases 1 to 50)

Woodward,R. and Ly,N.

Wethods and compositions for diagnosing or monitoring auto immune and chronic inflammatory diseases

Patent: US 6905827-A 80 14-JUN-2005;

Expression Diagnostics, Inc.; So. San Francisco, CA
                                                                                                                   1 (bases 1 to 50)
Moldgamth,J., Fry,K., Woodward,R. and Ly,N.
Methods and compositions for diagnosing or monitoring auto immune and chronic inflammatory diseases
Patent: US 6905827-A 6775 14-JUN-2005;
Expression Diagnosties, Inc.; So. San Francisco, CA
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(Dasse 1 to 50)

Wohlgemuth, J., Fry, K., Woodward, R. and Ly, N.
Methods and compositions for diagnosing or monitoring auto immune and chronic inflammatory diseases
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        Sequence 6775 from patent US 6905827.
AR687346
AR687346.1 GI:74469116
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Sequence 80 from patent US 6905827.
AR680651.1 GI:74462421
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Sequence 82 from patent US 6905827.
AR680653
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Best Local Similarity 100.
Matches 50, Conservative
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AR680653
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Wohldemuth, J., Fry, K., Woodward, R. and Ly, N.
Wehlode and compositions for diagnosing or monitoring auto immune
and chronic inflammatory diseases
Patent: US 6905827-A 2130 14-JUN-2005;
Expression Diagnostics, Inc.; So. San Francisco, CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                           DB 1; Length 50;
Patent: US 6905827-A 82 14-JUN-2005;
Expression Diagnostics, Inc.; So. San Francisco, CA
Location/Qualifiers
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llarity 98.0%; Pred. No. 2.9;
Conservative 0; Mismatches
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98.0%; Pred. No. 2.9;
tive 0; Mismatches
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/mol_type="unassigned DNA"
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Sequence 44 from patent US 5578468.
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Pred. No. 29;
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/mol_type="genomic DNA"
                                                             /organism="unknown"
/mol_type="genomic DNA"
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bou/66 11-JAN-2002 Sector expressing full-length gene of RNA virus and utilization thereof.
                           Blanco, D.L., bernad Miana, A., dominguez Lopez, O. and garcia Diaz, M. Dna polymerase lambda and uses thereof Patent: WO 0125442-A 25 12-APR-2001; CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (ES) Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MICHINORI OBARA, KYOKO OBARA, KAZUNARI TABIRA, JUNICHI MATSUZAKI,
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JP 2000152793-A/19.
Synthetic construct
synthetic construct
other sequences; artificial sequences.
I (bases I to 38)
Obara, M., Obara, K., Tabira, K., Matsuzaki, J., and Om, H.
Vector expressing full-length gene of RNA virus and utilization
TOKYO METROPOLITAN ORGANIZATION FOR MEDICAL RESEARCH, CHUGAI
PHARMACEUT CO LID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       HIROSHI OMORI
C12N15/09,A01K67/027,C12N5/10,C12Q1/70,C12N15/00,C12N5/00
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Location/Qualifiers
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    .38
        forganism="synthetic construct" | | /mol type="genomic DNA" | /db_xref="taxon:32630"

                                                                                                                         /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="poly dT"
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Best Local Similarity 100.0%; Pred. No. 31;
Matches 35; Conservative 0; Mismatches (
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other sequences; artificial sequences.
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Sequence 6 from Patent WO9603528.
A48799
A48799.1 GI:2302466
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JP 2000152793-A/19
06-JUN-2000
24-JUN-1999 JP 1999178347
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                                                 PAT 13-DEC-2004
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                                                                                                                                                                                              Kauppinen, S. and Jacobsen, N. Methods and systems for detection and isolation of a nucleotide
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="texon:32630"
/note="Anthraquinone - coupled capture probe"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Primer"
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Patent: WO 2004020575-A 29 11-MAR-2004;
Exigon A/S (DK)
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                                          35 bp DNA Sequence 29 from Patent WO2004020575. CQ965267
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Sequence 3 from Patent WO2005044836.
CS097686.1 GI:66954094
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Sequence 25 from Patent WO0125442.
AX106972.
AX106972.1 GI:13922521
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Matches 35; Conservative
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AX106972/c
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CQ965267/c
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CS097686/c
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Length 38; 0; Indels PAT 07-MAR-1997

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100.0%; Pred. No. 36;
tive 0; Mismatches 0; Indels
                                                                                   ch 1.3%; Score 35; DB 1; Length 41; l Similarity 100.0%; Pred. No. 34; 35; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
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/note="synthetic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                      Schouten, J.P.
Multiplex ligatable probe amplification
Patent: US 6955901-A 7 18-OCT-2005;
De Luwe Hoek Octrooien B.V.; Amsterdam;
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Multiplex ligatable probe amplification
Patent: WO 0161033-A 7 23-AUG-2001;
Schouten, Johannes Petrus (NL)
Location/Qualifiers
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1.3%; Score 35; DB
Best Local Similarity 100.0%; Pred. No. 36;
Matches 35; Conservative 0; Mismatches
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/noTe="sequence 648"
                                                                                                                                                                                                                                                                    AR758351 43 bp
Sequence 7 from patent US 6955901.
AR758351 GI:83324061
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Sequence 7 from Patent WO0161033.
AX225198
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/organism="unknown"
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Matches 35; Conservative
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Unclassified.
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AR758351/c
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Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
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Patent: US 6457426-A 7 01-OCT-2002;
Dutch Blacksmith Shop Ltd.; Saskatchewan;
                                                                                                                                                                                                                                                                                                                                      Sharma, P., Sahni, N.S. and Loenneborg, A. Product and method Patent: WO 2004046382-A 248 03-JUN-2004; Diagenic AS (NO)
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CQ820107
                                                                                                                                                                                                                                                                                                                                                                                                                                           DNA
                                              1 (bases 1 to 40)
Petrik,J., Allain,J. and Pearson,G.J.
OLIGONUCLEOTIDES AND THEIR USE
PATENT: WO 9603528-A 6 08-FEB-1996;
LYNXVALE LTD (GB)
                                                                                                                                                                                                                                                 Query Match 1.3%; Score 35; DB Best Local Similarity 100.0%; Pred. No. 33; Matches 35; Conservative 0; Mismatches
                                                                                                                                Other publication AU 3118395 960222
                                                                                                                                                                                                  /mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 7 from patent US 6457426.
AR232955.
AR232955.1 GI:27275302
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/organism="unidentified"
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                                                                                                                                                Location/Qualifiers
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               unidentified unclassified sequences.
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Homo sapiens
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ACCESSION VERSION KEYWORDS SOURCE

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AL PAGENT: WO 0079280-A 13 28-DEC-2000;
JAPAN AS REPRESENTED BY DIRECTOR GE YOSHIHIKO HIROSE, MITSUAKI JAPAN AS REPRESENTED BY DIRECTOR GE YOSHIHIKO HIROSE, MITSUAKI MORIGUCHI, KIMIYASU ISOBE DISEASES, DENKA SEIKEN CO LTD, NAOKAZU TAKEDA, KATSURO NATORI, TATSUO MIYAMURA, KUNIO KAMATA, TOSHINORI SATO, SEIYA SATO
OS ATLIFICIALI SEQUENCE
PN WO 0079280-A/13
PD 28-DEC-2000
PP 22-UUN-2000 WO 2000JP004095
PR 22-UUN-1999 JP 99P 175928
PI NAOKAZU TAKEDA, KATSURO NATORI MATORI MATORI
                                                                                                                                                               Artificial Sequence
WO 0250307-A/4
27-JUN-2002
112-DEC-2001 JP 00P 378091
HIDETOSHI INOKO,GEN TAMIYA,KENJI NAKAJIMA,NAOKI KIMURA,RENPEI
                                                                                                                                                                                                                                                                              PI MINORU MORIKAWA, KOICHI OKAMOTO
C C1201/68,C12N15/09,G01N33/53,G01N27/62,G01N33/566,C12M1/00 CC
Description of Artificial Sequence:an artificially synthesized CC
DNA sequence
other sequences; artificial sequences.

1 (bases 1 to 40)

Inoko,H., Tamiya,G., Nakajima,K., Kimura,N., Nagashima,R.,
Morikawa,M. and Okamoto,K.
Method of detecting DNA polymorphism using mass spectrometry
Patent: WO 0250307-A 4 27-JUN-2002;
CHUGAI PHARMACEUTICAL CO LTD,HIDETOSHI INOKO,GEN TAMIYA, KENJI
NAKAJIMA, NAOKI KIMURA,RENPEI NAGASHIMA,MINORU MORIKAWA,KOICHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                I (Jases I CO 33)
Takeda,N., Natori,K., Miyamura,T., Kunio, Kamata, Sato,T. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PI NAOKAZU TAKEDA, KATSURO NATORI, TATSUO MIYAMURA, KUNIO PI KAMATA, TOSHINORI SATO,
PI SEIYA SATO
PC GOIN33/569,CI2N15/40
CC CC
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Location/Qualifiers
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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synthetic construct
synthetic construct
synthetic construct
other sequences; artificial sequences.
1 (bases I to 33)
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92.1%; Pred. No. 48;
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Best Local Similarity 92.1<sup>†</sup>
Matches 35; Conservative
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BD011883/c
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        40 bp DNA linear PAT 17-JAI Method of detecting DNA polymorphism using mass spectrometry. BD170449 BD170449.1 GI:27876261
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1.2%; Score 34; DB 1; Length 36;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 34; Conservative 0; Mismatches 0; Indels
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90.0%; Pred. No. 44;
ttive 0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unknown.
Unclassified.
3 1 (bases 1 to 36)
S Zhong,W., Hong,Z. and Ferrari,E.
HCV replicase complexes
AL Patent: US 6967075-A 2 22-NOV-2005;
Schering Corporation; Kenilworth, NJ
Location/Qualifiers
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CQ820328.1 GI:48715732
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                                                                                      RNA
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/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                                            1. .36
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                                                                                  36 bp Sequence 2 from patent US 6967075.
                                                                                                                                           AR772099.1 GI:83347955
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Best Local Similarity 90.09
Matches 36; Conservative
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DEFINITION

RESULT 22 CQ820328

8 요 ORGANISM

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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="texcon:32630"
/note="Description of Combined DNA/RNA Molecule: Synthetic oligonucleotide
Description of Artificial Sequence: Synthetic oligonucleotide"
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          Query Match
1.2%; Score 33; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 33; Conservative 0; Mismatches 0; Indels
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1 (bases 1 to 36)
Zhong, W., Hong, Z. and Ferrari, E.
HCV replicase complexes
Patent: US 6967075-A 3 22-NOV-2005;
Schering Corporation; Kenilworth, NJ
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other sequences; artificial sequences.
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100.0%; Pred. No. 45;
ative 0; Mismatches
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Sequence 3 from patent US 6967075.
AR772100
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CS053028
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Best Local Similarity 100.
Matches 33; Conservative
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PAT 16-NOV-2004
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/organism="synthetic construct"
/organism==unassigned DNA"
/db xref="taxon:32630"
/note="Homopolymer tail with flexible linker for use with a capture probe"
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                                                                                                                                                                                 Getman, D.K. and Vijaysri, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Schalken, J.A., Verhaegh, G., Hessels, D. and Smit, F.
Specific method of prostate cancer detection based on pca3 gene, and kits therefor
Patent: WO 2005003387-A 41 13-JAN-2005;
Stichting Katholieke Universiteit University Medical Centre Nijmegen (NL)
                                                                                                                                                                             Linnen, J.M., Kacian, D.L., Nelson, N.C., Getman, D.K. and Vijayør Compositions and methods for determining the presence of sars coronavirus in a sample Patent: WO 2004094675-A 39 04-NOV-2004; Gen-Probe Incorporated (US)
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/organism="synthetic construct"
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Pred. No. 61;
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CQ904031 33 bp DNA
Sequence 39 from Patent WO2004094675.
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Sequence 98 from Patent WO2005031005.
CSO84379 GI:66350461
                                                                                                                                         other sequences; artificial sequences.
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synthetic construct
other sequences; artificial sequences.
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Sequence 41 from Patent WO2005003387.
CQ987078
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/db_xref="taxon:32630"
/note="Synthetic Construct"
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CQ904031.1 GI:55785447
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synthetic construct
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Best Local Similarity 100.
Matches 31; Conservative
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                                                                                                                                        Location/Qualifiers
                                                                                                                                                                 /organism='Unknown'
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                                                          27-JAN-2000 JP 2000019392
27-JAN-1999 US 09/288 402
NIRA SHA, JANET WALINTON NIRA PATEL
C12N15/09, C12Q1/68, C12N15/00
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Best Local Similarity 96.8%; Pred. No. 62;
Matches 30; Conservative 1; Mismatches
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1.1%; Score 30.6; D
Best Local Similarity 96.8%; Pred. No. 62;
Matches 30; Conservative 1; Mismatches
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/organism="unidentified"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Gene composition and method.
BD002899
                               JP 2000245487-A/563
12-SEP-2000
AFIMETRICS INC
OS UNKNOWN
PN JP-520015
PP 27-JAN-2000
PF 27-JAN-1999
PI NIRA SHA, JJ
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A CLASS OF OLIGONUCLEOTIDES, THERAPEUTICALLY USEFUL AS ANTITUMOURAL
AGENTS
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                                                                                                                                                                                                                 /nore="Polynucleotide having a 3' poly (dA)30 tail and a 5' poly (dT)3 flexible linker for use in a capture probe"
                                                            Weisburg, W.G. and Bungo, J.J.

Compositions, methods and kits for determining the presence of trichomonas vaginalis in a test sample
Patent: WO 2005031005-A 98 07-APR-2005;
Gen-Probe Incorporated (US)
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1.1%; Score 30.8; DB 1; Length 34;
Best Local Similarity 94.1%; Pred. No. 65;
Matches 32; Conservative 0; Mismatches 2; Indels
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100.0%; Pred. No. 61;
tive 0; Mismatches 0; Indels
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JP 2000245487-A/563.
unidentified
unclassified sequences.
1 (bases 1 to 31)
Sha,N., Walinton,J. and Patel,N.
Gene composition and method
Patent: JP 2000245487-A 563 12-SEP-2000;
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/organism="synthetic construct"
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SAICOM S R L (IT)
Other publication IT M1952539 19970604
Other publication AU 1175497 19970627.
Location/Qualifiers
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                               other sequences; artificial sequences.
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 19 from Patent WO9720924.
A63578
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    synthetic construct
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Best Local Similarity 100.0
Matches 31, Conservative
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PAT 31-JAN-2002
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BD02302
BD002902.1 GI:18630863
JP 2000245487-A/568.

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unclassified sequences.

1 (bases 1 to 31)
Sha,N., Walinton,J. and Patel,N.
Gene composition and method
Patent: JP 2000245487-A 568 12-SEP-2000;
AFINETRICS INC
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JP 2000245487-A/568
12-BEP-2000
27-JAN-2000 JP 2000019392
27-JAN-1999 US 09/238.402
NIRA SHA, JANET WALINTON, NIRA PATEL
C12N15/09, C12Q1/68, C12N15/00
                                                                                                                                                                                                                                                                unclassified sequences.

1 (bases 1 to 31)
Sha,N., Walinton,J. and Patel,N.
Gene composition and method
Patent: JP 2000245487-A 567 12-SEP-2000;
AFIMETRICS INC
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    .31
    /organism='Unknown'

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/organism='Unknown'
Location/Qualifiers
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12-SEP-2000
27-JAN-2000 JP 200019392
27-JAN-1999 US 09/238.402
NIRA SHA,JANET WALINTON,NIRA PATEL
C12N15/09,C12Q1/68,C12N15/00
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    1 TACTGCTGAAGAACRCCATTACCTGAGGCC 31
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1.1%; Score 30.6; D
Best Local Similarity 96.8%; Pred. No. 62;
Matches 30; Conservative 1; Mismatches

    .31
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/db_xref="taxon:32644"

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                                                                                                                         Gene composition and method. BD002901
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BD002901
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TITLE
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Location/Qualifiers
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96.8%; Pred. No. 62;
tive 1; Mismatches
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BD002899.1 GI:18630860
                  JP 2000245487-A/565 unidentified
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BD002903

AUTHORS TITLE JOURNAL

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unidentified
unclassified sequences.

1 (bases I to 30)
Mandrand, B., Cros, P., Delair, T., Charles, M., Erout, M. and Pichot, C.
REAGENT AND METHOD FOR THE DETECTION OF A NUCLEOTIDE SEQUENCE WITH
SIGNAL AMPLIPERCATION
Fatent: WO 9508000-A 9 23-MAR-1995;
BIO MERIEUX (FR)
Other publication CA 2149315 950323
Other publication CA 2149315 950324.
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tive 0; Mismatches
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Matches 30; Conservative 1; Mismatches
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/organism="unidentified"
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Sequence 9 from Patent WO9508000.
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Sequence 3 from Patent WO9720068.
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A62991/c
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Human single nucleotide polymorphisms
Patent: WO 016800-A 1193 13-SEP-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
                                                                                                                                                                                                                                                                                                                                                                                                    bD002993.1 GI:18630864
JP 2000245487-A/569.
unidentified
unidentified
unclassified sequences.
I (bases I to 31)
Sha,N., Walinton,J. and Patel,N.
Gene composition and method
Patent: JP 2000245487-A 569 12-SEP-2000;
ANTHORNAM
BN JP 2000245487-A/569
PD 12-SEP-2000
PF 27-JAN-2000 JP 2000019392
PR 27-JAN-2000 JP 2000019392
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Best Local Similarity 96.8%; Pred. No. 62;
Matches 30; Conservative 1; Mismatches

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Matches 30; Conservative
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Query Match

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BILLOS776.1 GI:22651350
Synthetic construct
Synthetic construct
Synthetic construct
Other sequences; artificial sequences.

Conrad,M.J. and Coutts,S.
Conjugates of biologically stable polymers and polynucleotides for treating systemic lupus erythematosus
Lreating systemic lupus erythematosus
AL JOLIA PHARMACBUTICAL CO
SArtificial Sequence
PN JP 2001354569-A1
ED 25-DEC-2001
PP 04-APR-2001 JP 2001106534
PR 16-APR-2001
PP 04-APR-2001 JP 2001106534
PR 16-APR-1990 US
MICHAEL J CONRAD,STEPHEN COUTTS
CC Synthetic Construct
FH Key
Location/Qualifiers
FT source
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Organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                     30 bp DNA linear PAT 27-AUG-2002 Conjugates of biologically stable polymers and polynucleotides for Ereating systemic lupus erythematosus.
 Method for generating multiple double stranded nucleic acids Patent: US 6326143-A 7 04-DEC-2001; Location/Qualifiers
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Location/Qualifiers
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N Methods of nucleic acid detection.
BD13281.
BD13281.1 GI:23227796
JP 2002509443-A/2.
Synthetic construct
M synthetic construct
construct
Other sequences, artificial sequences.
1 (bases 1 to 30)
Weisburg, W.G., Stull, P.D. and Reshatoff, M.R.
Methods of nucleic acid detection
Patent: JP 2002509443-A 2 26-MAR-2002;
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METHOD FOR GENERATING MULTIPLE DOUBLE STRANDED NUCLEIC ACIDS
Patent: WO 9720068-A 7 05-JUN-1997;
BOEHRINGER MANNHEIM GMBH (DE)
Location/Qualifiers
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Orum, H. and Seeger, C.
Method for generating multiple double stranded nucleic acids
Patent: US 6326143-A 3 04-DEC-2001;
Location/Qualifiers
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30 AAAAAAAAAAAAAAAAAAAAAAAAA 1
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Sequence 7 from patent US 6326143.
AR179070.
AR179070.1 GI:20220625
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Sequence 3 from patent US 6326143.
AR179066.1 GI:20220621
                                                                                    Sequence 7 from Patent WO9720068.
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                                                                                                                                                                           unidentified
unidentified
unclassified sequences.
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Orum, H. and Seeger, C.
                                                                                                                                            A62995.1 GI:3716867
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Unclassified.
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AR179066/c DEFINITION

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PAT 18-SEP-2002

DEFINITION ACCESSION VERSION KEYWORDS

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804638 30 bp RNA linear PAT 29-SEP-1997 Synthesized Oligoribonucleotides of more than 20 mers. E04638
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Method for the detection and multiplex quantification of analytes
in a sample, using microspheres
Patent: WO 2004106928-A 3 09-DEC-2004;
Biocytex (FR)
                                                                                                                                                                                                                       PD 15-NOV-2002
PP 11-JAN-2002 JP 2002005267
PF 11-JAN-2002 JP 20020567
PI TAKUMI TOKUNAGA, TAKAHIKO ISHIGURO, RYUICHI HORIE PC
C09B23/00, C07D417/14, C07H21/04, C09K11/06, C12N15/09, C12Q1/68, PC
G01N33/58,
PC C12NN5/00
CC dA30mer Location/Qualifiers
FH Key 1. 30
FT source /organism='Artificial Sequence'.
                                                                                                                         of assaying nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   1. .30
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                    other sequences; artificial sequences.
1 (bases 1 to 30)
Tokunaga, T., Ishiguro, T. and Horie, R.
Novel Fluorescent colorant and method c
Patent: JP 2002327130-A 2 15-NOV-2002,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
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Pred. No. 68;
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Seguence 3 from Patent WO2004106928.
CQ969420
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Best Local Similarity 100.0%; Pred. No. 68;
Matches 30; Conservative 0; Mismatches
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JP 2002327130-A/2
15-NOV-2002
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Novel fluorescent colorant and method of assaying nucleic acid.
BD181358
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BD181358.1 G1:30792276

JP 2002327130-A/1.

synthetic construct

construct

che sequences; artificial sequences.

che sequences; artificial sequences.

Tokunaga,T. Ishiguro,T. and Horie,R.

Novel fluorescent colorant and method of assaying nucleic acid

Patent: JP 2002327130-A 1 15-NOV-2002;

CS ATTIFICIAL Sequence

PN JP 2002327130-A/1

PD 15-NOV-2002

PP 11-JAN-2002 JP 2002005267

PT TAKUMI TOKUNAGA,TAKAHIKO ISHIGURO,RYUICHI HORIE PC

COSPEZIO,COTD417/14,COTH21/04,COSK11/06,CIZNI5/09,CIZQ1/68, PC

GO1N33/58,

PC C12NI5/00

CC GT30mer

FY SOURCE 1.30

FT SOURCE 1.30

FT SOURCE 1.30

FT SOURCE 1.30
                                                                                                                                                               Description of Artificial Sequence: synthetic oligonucleotide Key Location/Qualifiers. Location/Qualifiers
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                                                          26-MAR-2002
30-OCT-1998 JP 1999526687
31-OCT-1997 US 60/063969
WILLIAM G WEISBURG, PAUL D STULL, MICHAEL R RESHATOFF PC
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100.0%; Pred. No. 68;
tive 0; Mismatches 0; Indels
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                       Artificial Sequence
JP 2002509443-A/2
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Matches 30; Conservative
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PR 31-O
PI WILL
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PAT 08-OCT-2004
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1 (bassified.)
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Unclassified.
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1 (bases 1 to 30)
Tokunaga,T., Ishiguro,T. and Horie,R.
Fluorescent dye and method of measuring nucleic acid
Patent: US 6743188-A 2 01-JUN-2004;
Tosch Corporation; Shinnanyo;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.1%; Score 30; DB 1; Length 30; 100.0%; Pred. No. 68; tive 0; Mismatches 0; Indels
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MGGall,G.H. and Barone,A.D.
Labeling reagents
Patent: US 6856711-A 10 22-FEB-2005;
Affymetrix, Inc.; Santa Clara, CA
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Sequence 10 from patent US 6858711.
AR641083
AR641083.1 GI:62776057
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1.1%; Score 30; DB
Best Local Similarity 100.0%; Pred. No. 68;
Matches 30; Conservative 0; Mismatches
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Sequence 1 from patent US 6743588.
AR541545.
AR541545.1 GI:53933523
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Sequence 2 from patent US 6743588.
AR541546 GI:53933524
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/organism="unknown"
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Matches 30; Conservative
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AR641083
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Reagent and method for the detection of a nucleotide sequence with signal amplification
Patent: US 5695916-A 9 09-DEC-1997;
Location/Qualifiers
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/note='suitably selected protection of RNA
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Unclassified.
1 (bases 1 to 30)
Mandrand, B., Cros, P., Delair, T., Charles, M.-H., Erout, M.-N. and
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E04638.1 GI:5708508
JP 1992330093-A/2.
synthetic construct
other sequences; artificial sequences.
other sequences; artificial sequences.
Takman, H. and Indaa, M.
PRODUCTION OF OLIGORIBONUCLEOTIDE
PATENT: UP 1992330093-A 2 18-NOV-1992;
TAKEDA CHEM IND LTD
OC Artificial gene
OC Artificial sequence; Genes.
PN UP 1992330093-A/2
PD 18-NOV-1992
PF 07-JUN-1991 UP 1991136086
PR 07-JUN-1990 UP 199762
PI TANIMURA HIROSHI, IMADA MICHI
CC CC Strandedness: Single;
CC topology: Linear;
FH Key Location/Qualifiers
FT misc_feature 1.30
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/mol_type="genomic RNA"
/db_xref="taxon:32630"
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Best Local Similarity 100.0%; Pred. No. 68;
Matches 30; Conservative 0; Mismatches
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Sequence 9 from patent US 5695936.
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184450.1 GI:3021970
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AR541545/c
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Immunostimulatory nucleic acids
Batent: WO 0122972-A 1094 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
GmbH (DE)
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Immunostimulatory nucleic acids
Bacent: WO 0122972-A 1095 05-APR-2001,
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
GmbH (DE)
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/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/noTe="Synthetic Sequence"
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
|noTe="Synthetic Sequence"
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Sequence 1094 from Patent WO0122972.
AX104902
AX104902.1 GI:13921099
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Sequence 1095 from Patent WO0122972.
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Best Local Similarity 100.0%; Pred. No. 68;
Matches 30; Conservative 0; Mismatches
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/organism="unknown"
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AX104903.1 GI:13921100
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Novel fluorescent dye and method of measuring nucleic acid
Patent: EP 1221226-A 2 17-JUL-2002;
Tosoh Corporation (JP)
                                                                                                                                                                                                                                                                                                                          Tokunaga,T., Ishiguro,T. and Horie,R.
Novel fluorescent dye and method of measuring nucleic acid
Patent: EP 1223226-A 1 17-JUL-2002;
Tosoh Corporation (JP)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/noTe="Artificial"
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1.1%; Score 30; DB 1;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 30; Conservative 0; Mismatches
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Sequence 2 from Patent EP1223226.
AX474674
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Sequence 1 from Patent EP1223226.
AX474673
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Matches 30; Conservative
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RESULT 59 AR099615/c

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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="bescription of Combined DNA/RNA Molecule: Synthetic
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H.sapiens (haplotype 3, allele MS32, isolate Mormon, serial number
30001
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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    DB 1; Length 33;
74:
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Deffreys, A.J.

Extended nucleotide sequences

Patent: EP 0370719-A 97 30-MAY-1990;

IMPERIAL CHEMICAL INDUSTRIES PLC
  1.1%; Score 30; DB 100.0%; Pred. No. 74; Live 0; Mismatches
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    /db_xref="taxon:9606"

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A08914.1 GI:411836
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                                                                          Utermohlen, J.G. and Connaughton, J.
Oligomucleotides for labeling oligomucleotide probes and proteins
Patent: Wo 0222874-A 115 21-MAR-2002;
VENTANA MEDICAL SYSTEMS, INC. (US)
Location/Qualifiers
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Jacobsen, R., Jimenez, E., Cruz, L.J., Olivera, B.M., Gray, W.R., Grilley, M., Watkins, M. and Hillyard, D.R.
Contryphan peptides
Patent: US 6077934-A 26 20-JUN-2000;
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Jacobsen, R., Jimenez, E., Cruz, L.J., Olivera, B.M., Gray, W.R., Grilley, M., Watkins, M. and Hillyard, D.R.
Contryphan peptides
Patent: US 6153738-A 26 28-NOV-2000;
Location/Qualifiers
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/organism="synthetic construct"
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100.0%; Pred. No. 68;
tive 0; Mismatches
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1.1%; Score 30; DB 1;
Best Local Similarity 100.0%; Pred. No. 74;
Matches 30; Conservative 0; Mismatches (
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                                      other sequences; artificial sequences.
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Sequence 26 from patent US 6153738.
AR120128.1 GI:14102827
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synthetic construct
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Unclassified.
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Description of Artificial Sequence: Synthetic oligonucleotide"
                                                     Rabbani, E., Donegan, J.J. and Stavrianopoulos, J.G. Multisignal labeling reagents, processes and uses therefor Patent: EP 148422-A 3 22-DEC-2004; Enzo Life Sciences, Inc., c/o Enzo Biochem, Inc. (US)
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1 (bases 1 to 27)
Sengu, K.Y. and Ito, S.
REPLICATION OF DNA
PATENTON OF DNA
PATIZONA BOARD OF REGENTS
OC Artificial sequence, Genes.
N JP 1993103673-A/79
PD 27-APR-1993
PF 26-AUG-1991 JP 1991240525
PI SENGU KUU YUU, ITO SUMIYOSHI
PC C12N15/10,C12N15/11/C12Q1/68;
CC topology: Linear;
FH Key
FT misc_feature 1..27
FT misc_feature 1..27
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1.0%; Score 27; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 27; Conservative 0; Mismatches 0;
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100.0%; Pred. No. 1.1e+02;
ive 0; Mismatches 0;
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DEFINITION Sequence 680 from patent US 6352829.
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synthetic construct
synthetic construct
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Best Local Similarity 100.
Matches 27; Conservative
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Method for detecting analytes based on evanescent illumination and
scatter-based detection of nanoparticle probe complexes
Patent: Wo 200500222-A 2 27-JAN-2005;
Nanosphere, Inc. (US)
Location/Qualifiers
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Unclassified.
3 I (bases I to 27)
5 Chenchik, A., Jokhadze, G. and Bibilashvilli, R.
Methods of assaying differential expression
AL Patent: US 5994076-A 680 30-NOV-1999;
Location/Qualifiers
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1.0%; Score 27.2; DB 1;
Best Local Similarity 90.6%; Pred. No. 1.3e+02;
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2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2737
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Sequence 680 from patent US 5994076.
AR090560.
AR090560.1 GI:10017315
                                                                                                                             33 bp D) Sequence 2 from Patent WO2005008222. CS048817 GI:61854255
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                                     1 TAAAAAAAAAAAAAAAAAAAAAAAAA
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Sequence 3 from Patent EP1489422.
CS053030
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SOURCE

REFERENCE AUTHORS

ACCESSION VERSION KEYWORDS

RESULT 64 AR090560/c DEFINITION

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RESULT 65 CS053030/c LOCUS DEFINITION ACCESSION

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PAT 20-APR-2002

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PAT 06-FEB-2002
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Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 27; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 1.1e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                         Patent: WO 0197843-A 842 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
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/note="Synthetic oligonucleotide
phosphorothioate backbone"
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Matches 27; Conservative 0; Mismatches 0;
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Sequence 911 from Patent WO02053141.
AXS47772
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Seguence 842 from Patent WO0197843.
AX355814
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 911 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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                                                                              Unclassified.

1 (bases 1 to 27)
Chenchik,A., Jokhadze,G. and Bibilashvilli,R. Methods of assaying differential expression Patent: US 6352829-A 680 05-MAR-2002;
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other sequences; artificial sequences.
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 911 from Patent W00122972.
AX104719
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AR197595.1 GI:20247444
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JP 2002536025-A/5.
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                                                                                                                                 Unknown.
Unknown.
Unclassified.
I (bases I to 29)
Szostak, J.W., Roberts, R.W. and Liu, R.
Szostak, J.W., Foberts, R.W. and Liu, R.
Method for selection of proteins using RNA-protein fusions
Patent: US 6258558-A 8 10-JUL-2001;
Patent: US 6258558-A 8 10-JUL-2001;
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Szostak, J.W., Roberts, R.W. and Liu, R.
Nucleic acid-protein fusion molecules and libraries
Patent: US 6281344-A 8 28-AUG-2001;
Location/Qualifiers
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JP 2002510505-A/3.
synthetic construct
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other sequences; artificial sequences.
1 (bases 1 to 29)
Kuimelis,R.G. and Wagner,R.
Protein array enabling site specification
Patent: JP 2002510505-A 3 09-APR-2002;
PHYLOS INC
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/mol_type="unassigned DNA"
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Sequence B from patent US 6281344.
AR166605 GI:16241997
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                                                   Sequence 8 from patent US 6258558.
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31-MAR-1999 JP 2000542484
03-APR-1998 US 60/080686
ROBERT G KUIMELIS, HICHARD WAGNER
CI2N15/09,CO7H21/02,CO7H21/04,C12M1/00,C12Q1/68,G01N33/566, PC
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E 1 (bases 1 to 29)

S szostak, J.W., Roberts, R.W. and Liu, R.

Sorting of proteins using RNA-protein fused body

D P 200235025-A 5 29-0CT-2002;

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OS Artificial Sequence

RN JP 2002536025-A/5

PP 0 1-FEB-1999 US 09/247190

PI JACK W SZOSTAK, RICHARD W ROBERTS, RIHE LIU

PC C12N15/09, COTKT/00, COTK14/00, C1201/68, C12N15/00 CC

Translation template

PT Source

| Jorganism='Artificial Sequence'.
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Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 27; Conservative 0; Mismatches 0; Indels
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Sorting of proteins using RNA-protein fused body.
BD238387
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/organism="synthetic construct"
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    /organism="synthetic construct"

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LOCUS AR279813
DEFINITION Sequence 8 from patent US 6518018.
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/db_xref="taxon:32630"
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PAT 12-JAN-2001

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Pignot, M.

Detection system for analyzing molecular interactions, production and utilization thereof
Patent: WO 0071749-A 10 30-NOV-2000;
Patent: WO 0071749-A 10 30-NOV-2000;
Aventis Research & Technology GmbH & Co. KG. (DE)
Location/Qualifiers
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 0071747A 8 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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100.0%; Pred. No. 1.2e+02;
tive 0; Mismatches 0;
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/noTe="Region A"
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Sequence 10 from Patent WO0071749.
AX052994
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Sequence 8 from Patent WO0071747.
AX048409
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Detection system for separating constituents of a sample and production and use of the sam
Patent: WO 0071147-A 7 30-NOV-2000,
Aventis Research & Technologies GmbH & Co. KG (DE)
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1.0%; Score 27; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 27; Conservative 0; Mismatches 0; Indels
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                                                                                                    1 (bases 1 to 29)
Szostak,J.W. and Roberts,R.W.
RNA-antibody fusions and their selection
Patent: US 6518018-A 8 11-FEB-2003;
The General Hospital Corporation; Boston, MA
Location/Qualifiers
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synthetic construct
other sequences; artificial sequences.
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Kuimelis,R.G. and Wagner,R.
Addressable protein arrays
Patent: US 6537749-A 3 25-WAR-2003;
Phylos, Inc.; Lexington, MA
Location/Qualifiers
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Sequence 3 from patent US 6537749.
AR288232 GI:31675516
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Sequence 7 from Patent WO0071747.
AX048408
AX048408.1 GI:12225572
                                                                                                                                                                                                                             /organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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AR279813.1 GI:29714958
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Best Local Similarity 100.0
Matches 27; Conservative
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Unclassified.
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                                                 Unknown
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AR288232
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PAT 12-JAN-2001

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Homo sapiens (human)
JP 2002191384-A/4
09-JUL-2002
13-NOV-2001 JP 2001348017
15-NOV-2000 EP 00124897.0
MOLEGANG DIETWAIER
CI2N15/09,C12Q1/68,C12N15/00
Method for melting curve analysis of repetitive PCR products
Key
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                                                             unidentified unclassified sequences.

1 (Dassel 1 to 32)
Dietmaier,W.
Method for melting curve analysis of repetitive PCR products Patent: JP 2002191384-A 4 09-JUL-2002;
F HOFFMANN LA ROCHE AG
                                                                                                                                                                                                                                                                                                                                   /organism='Homo sapiens (human)'. Location/Qualifiers
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1.0%; Score 27; DB 1; Length 32;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 27; Conservative 0; Mismatches 0; Indels
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Pred. No. 1.3e+02;
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Sequence 4 from patent US 6664064.
AR438514
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Sequence 4 from Patent EP1207210.
AX430213 GI:21655578
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/organism="unknown"
/mol_type="genomic DNA"
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 BD165916
BD165916.1 GI:27871728
JP 2002191384-A/4.
unidentified
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1 (bases 1 to 32)
Dietmaier, W.
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AX430213
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AUTHORS
TITLE
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Method for melting curve analysis of repetitive PCR products.
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Process and compositions for peptide, protein and peptidomimetic synthesis
synthesis
Patent: WO 02059293-A 41 01-AUG-2002;
Forstert, Anthony C. (US) ; Blacklow, Stephen C. (US)
Location/Qualifiers
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100.0%; Pred. No. 1.2e+02;
tive 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xrefe"taxon:32630"
/note="Linker mit Puromycin am 3'-Ende"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="FROM SYNTHETIC DNA"
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Bio-probes and use thereof
Patent: WO 0204656-A 5 17-JAN-2002;
Xzillion GmbH & CO.KG (DE)
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                  2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2735
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Sequence 5 from Patent WO0204656.
AX353685
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synthetic construct
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Best Local Similarity 100.09
Matches 27; Conservative
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KEYWORDS
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TITLE
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Length 32; 0; Indels PAT 20-FEB-2004

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/organism="unknown"
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                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent: US 5478746-A 1 26-DEC-1995;
The United States of America as represented by the Department of
Health and; Washington, DC
Location/Qualifiers
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Cohen,J.I., Purcell,R.H., Feinstone,S.M. and Ticehurst,J.R.
cDNA encoding attenuated cell culture adapted hepatitis A virus
                                                                                                                                                                                                                                                                                       Gaps
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Method for melting curve analysis of repetitive pcr products
Patent: EP 1207210-A 4 22-MAY-2002;
Roche Diagnostics GmbH (DE) ; F. HOFFMANN-LA ROCHE AG (CH)
Location/Qualifiers
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Immunostimulatory rna/dna hybrid molecules
Patent: Wo 0193902-A 7 13-DEC-2001;
Biosynexus Incorporated (US)
Location/Qualifiers
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1.0%; Score 27; DB 1; Le Best Local Similarity 100.0%; Pred. No. 1.3e+02; Matches 27; Conservative 0; Mismatches 0;
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synthetic construct
other sequences; artificial sequences.
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/db_xref="taxon:9606"
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Sequence 7 from Patent WO0193902.
AX351711.
AX351711.1 GI:18616994
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/organism="unknown"
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              Homo sapiens (human)
                                                                         Hominidae; Homo
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                             Homo sapiens
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TITLE
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/noTe="Description of Combined DNA/RNA Molecule: Synthetic DNA/RNA oligonucleotide Synthetic DNA/RNA oligonucleotide"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mycobacterium tuberculosis
Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales;
Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium
tuberculosis complex.
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Weindel,K. and Brand,J.
DNA detection by means of a strand reassociation complex
Patent: US 6410235-A 18 25-JUN-2002;
Roche Diagnostics GmbH; Mannheim;
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                                                                                                                                            Score 26.8; DB 1; Length 30; Pred. No. 1.3e+02;
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/mol type="unassigned DNA"
/db_xref="taxon:1773"
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Patent: EP 1595960-A 18 16-NOV-2005;
Roche Diagnostics GmbH (DE)
Location/Qualifiers
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Sequence 18 from Patent EP1595960.
CS196285
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Similarity 93.3%;
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Best Local Similarity 93.3
Matches 28; Conservative
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Best Local Similarity 96.37
Matches 26; Conservative
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Unclassified.
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AR137712/c
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                                                                                                                              DEFINITION
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Bacteria, Actinobacteria; Actinobacteridae; Actinomycetales;
Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium
tuberculosis complex.
                                                          Gaps
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Weindel, K. and Brand, J.
DNA detection by means of a strand reassociation complex
Patent: US 6790623-A 18 14-SEP-2004;
Roche Diagnostics GmbH; Mannheim;
DEX;
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                        1.0%; Score 26.6; DB 1; Length 27; 96.3%; Pred. No. 1.2e+02; tive 1; Mismatches 0; Indels
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Dna detection by a strand reassociation complex

Patent: EP 0962536.4 18 08-DEC-1999;

ROCHE DIAGNOSTICS GMBH (DE)

Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:1773"
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Sequence 18 from Patent BP0962536.
AX009609
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/organism="unknown"
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/mol_type="genomic DNA"
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                                                       26; Conservative
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Unclassified.
                                           Best Local Similarity
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Best Local S:
Matches 26
                           Query Match
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ARS81039/c
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Chenchik, A., Jokhadze, G. and Bibilashvilli, R. Methods of assaying differential expression Patent: US 5994076-A 679 30.NOV-1999;
Location/Qualifiers
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synthetic construct
other sequences; artificial sequences.
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Enterovirus nucleic acids
Patent: WO 02103060-A 35 27-DEC-2002;
Innoventus Project AB (SE)
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 35 from Patent WO02103060.
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Sequence 5 from patent US 6197554.
AR137712
2709 AAAAAAAAAAAAAAAAAAAAAAA 2735
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                  27 ARABABABABABABABABABABA 1
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RICHARD D HOLLY, JANE A GROSS, JANET V JOHNSTON, ANDREW J NELSON, STACEY R DILLON, ANGELA K HAMMOND C12N15/09, A61K38/00, A61K45/00, A61P35/00, A61P37/00, C07K14/52,
                                                                                                                                               1/41,
C12N5/10,C12P21/02,C12P21/02,G01N33/53,C12N15/00,C12N5/00, PC
       JULIA E NOVAK, SCOTT R PRESNELL, CINDY A SPRECHER, DONALD C PI
                                    ETACRARD D HOLLY, JANE A GROSS, JANET V JOHNSTON, ANDREW J NELS:

PI STACEY R DILLON, ANGELA K HAMMOND
C C12115/09, A61K38/00, A61R35/00, A61P37/00, C07K14/52
PC C07K14/54, C07K14/55, C07K16/24, C07K19/00, C12N1/11, C12N1/19, C12N1/21,
PC C12N1/21,
PC C12N1/21,
PC C12N3/02
CC Oligonucleotide primer ZC7764a
FH Key
Location/Qualifiers
FT source
/ Organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Jimenez,M.C., Escobar,I.G., Gallego,S.C. and Cimadevilla,J.C. Method to analyze polymeric nucleic acid sequence variations Patent: WO 2004053160-A 14 24-JUN-2004; GENOMICA S.A.U. (ES)
                                                                                                                                                                                                                           ce 1. .26 /organism='Artificial Sequence'
Location/Qualifiers
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Unclassified.
( Lbases 1 to 26)
Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
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    .26
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Sequence 14 from Patent WO2004053160.
CQ828164
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Seguence 679 from patent US 6352829.
AR197594
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Novak, J.E., Presnell, S.R., Sprecher, C.A., Foster, D.C., Holly, R.D., Gross, J.A., Johnston, J.V., Nelson, A.J., Dillon, S.R. and Hammond, A.K.
Cytokine zalphall Ligand
Patent: US 6307024-A 38 23-OCT-2001;
Location/Qualifiers
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1 (bases 1 to 26)
Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D.,
Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and
Hammond,A.K.
         Unclassified.
Unclassified.
1 (bases 1 to 26)
1 (bases 1 to 26)
1 (bases 2 to 26)
1 (bases 2 to 26)
Method for generating full-length cDNA library from single cells Patent: US 6197554-A 5 06-MAR-2001;
Location/Qualifiers
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rative 0; Mismatches 0; Indels
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PN JP 2002537839-A/35
PD 12-NOV-2002
PP 09-MAR-2000 JP 2000603382
PR 09-MAR-1999 US 09/264908,11-MAR-1999 US
01-JUL-1999 US 60/142013
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tive 0; Mismatches 0;
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Patent: JP 2002537839-A 35 12-NOV-2002;
ZYMOGENETICS INC
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Sequence 38 from patent US 6307024.
AR174581
AR174581.1 GI:17914901

    .26
    /organism="unknown"
    /mol_type="unassigned DNA"

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/organism="unknown"
/mol_type="unassigned DNA"
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JP 2002537839-A/35.
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BD248974/c
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AR374073/C
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Unclassified.
3 I (bases 1 to 26)
5 Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
AD Patent: US 6489455-A 679 03-DEC-2002;
Clontech Laboratories, Inc.; Palo Alto, CA
Location/Qualifiers
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                                                                           Query Match 0.9%; Score 26; DB 1; Lo
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 26; Conservative 0; Mismatches 0;
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JOURNAL Patent: US 6352829-A 679 05-MAR-2002; ATURES Location/Qualifiers
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Unclassified.
1 (bases 1 to 26)
Adler, D.A. and Sheppard, P.O.
Secretted aalivary 257163 Polypeptide
Patent: US 6331413-A 7 18-DEC-2001;
ZymoGenetics, Inc.; Seattle, WA;
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Sequence 679 from patent US 6489455.
AR259748.1 GI:27310259
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/organism="unknown"
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/organism="unknown"
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/organism="unknown"
/mol_type="genomic DNA"
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AR263648/c
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PAT 10-JUN-1998
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PAT 18-DEC-2003
                                                                                                                               Unclassified.

1 (bases 1 to 26)

Novak,J.E., Presnell,S.R., Sprecher,C.A., Foster,D.C., Holly,R.D., Gross,J.A., Johnston,J.V., Nelson,A.J., Dillon,S.R. and Hammond,A.K.
Methods of using zalphall ligand
Patent: US 6605272-A 38 12-AUG-2003;
ZymoGenetics, Inc.; Seattle, WA
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Unclassified.
1 (base1 tro 26)
Novak, J.E., Presnell, S.R., Sprecher, C.A., Foster, D.C., Holly, R.D.,
Gross, J.A., Johnston, J.V., Nelson, A.J., Dillon, S.R. and
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Patent: US 5707807-A 1 13-JAN-1998;
Location/Qualifiers
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100.0%; Pred. No. 1.3e+02;
rative 0; Mismatches 0;
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Matches 26; Conservative 0; Mismatches 0;
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AR374073 26 bp D
Sequence 38 from patent US 6605272.
AR374073
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/organism="unknown"
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Sequence 1 from patent US 5707807.
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/organism="unknown"
/mol_type="genomic DNA"
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AR456223.1 GI:42691246
                                                         AR374073.1 GI:40076645
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Matches 26; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   /note="Oligonucleotide primer ZC7764b"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="texon:32630"
/note="Poly(dT)-26mer primer"
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Gene silencing using mrna-cdna hybrids
Patent: WO 0210374-A 3 07-FEB-2002;
UNIVERSITY OF SOUTHERN CALIFORNIA (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                   Presnell, S.R., Novak, J.E. and Gao, Z. Human phosphodiesterase zcytori3
Patent: WO 0125444.49 12-APR-2001;
Zymodenetics, Inc. (US)
Location/Qualifiers
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Sequence 53 from Patent WO02059357.
AX528804
 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2734
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Sequence 3 from Patent WO0210374.
AX427154
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              Cytokine zalphall ligand polynucleotides
Patent: US 6686179-A 38 03-FBB-2004;
ZymoGenetics, Inc.; Seattle, WA
Location/Qualifiers
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Adler,D.A. and Sheppard, P.O.
Secreted salivary zsig63 polypeptide
Patent: US 6828419-A 7 07-DBC-2004;
WymoGenetics, Inc.; Seattle, WA;
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Patent: US 6958217-A 53 25-OCT-2005;
Genomic Expression APS; Taastrup;
DXX;
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AR759351
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Sequence 7 from patent US 6828419.
ARG14322.
ARG14322.1 GI:56670498
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/organism="unknown"
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/organism="unknown"
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Pedersen, M.L.
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Hammond, A.K.
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/organism="unknown"
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Gryaznov, S.M.
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Detection system for analyzing molecular interactions, production and utilization thereof and utilization thereof Patent: WO 0071749-A 5 30-NOV-2000, Patent: WO 0071749-A 5 30-NOV-2000, Aventis Research & Technology GmbH & Co. KG. (DE)

Location/Qualifiers
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Kool, B.T.
Highly sensitive multimeric nucleic acid probes Patent: US 6077668-A 6 20-JUN-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="synthetic construct"
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/nofe="Beschreibung der kunstlichen
Sequenz:Puromycin-Linker"
                                                                    Pedersen, M.L.
Assay and kit for analyzing gene expression
Patent: WO 02059357-A 53 01-AUG-2002;
Location/Qualifiers
1. .26
                                                                                                                                               /organism="synthetic construct"
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|db_xref="taxon:32630"
|noTes="synthetic construct"
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Sequence 6 from patent US 6077668.
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Patent: US 5830658-A 12 03-NOV-1998;
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                                       Query Match 0.9%; Score 25.8; DB 1; Length 29; Best Local Similarity 93.1%; Pred. No. 1.5e+02; Matches 27; Conservative 0; Mismatches 2; Indels
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Circular DNA vectors for synthesis of RNA and DNA
Patent: US 6568802-A 6 09-APR-2002,
Location/Qualifiers
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0.9%; Score 25.8; D
Best Local Similarity 93.1%; Pred. No. 1.5e
Matches 27; Conservative 0; Mismatches
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Seguence 12 from patent US 5830658.
AR051244
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/ Match 0.9%; Score 25.6; DB 1; Length 32; Local Similarity 87.5%; Pred. No. 1.7e+02; nes 28; Conservative 0; Mismatches 4; Indels
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Sequence 153 from patent US 6472154.
AR241865.1 GI:27287677
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1 (bases 1 to 32)
Soarse, M.B. and Efstratiadis, A.
Normalized CDNA libraries
Patent: US 5637685-A 8 10-JUN-1997;
Location/Qualifiers
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/organism="unknown"
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Sequence 8 from patent US 5482845.
116939
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Sequence 8 from patent US 5637685.
145733
145733.1 GI:2469835
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AR241865/c
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Patent: US 5571677-A 12 05-NOV-1996;
Location/Qualifiers
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Soares, M.B. and Efstratiadis, A.
Method for construction of normalized cDNA libraries
Patent: US 5830662-A 8 03-NOV-1998;
                                                                                                                                                                                                                          Query Match 0.9%; Score 25.8; DB 1; Length 30; Best Local Similarity 93.1%; Pred. No. 1.5e+02; Matches 27; Conservative 0; Mismatches 2; Indels
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Horn, T.

Synthesis of branched nucleic acids
Patent: US 6180777-A 12 30-JAN-2001;
Location/Qualifiers
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Sequence 12 from patent US 5571677.
128373
I28373.1 GI:1819149
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Sequence 12 from patent US 6180777.
AR127791
AR127791.1 GI:14114386
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/organism="unknown"
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/organism="unknown"
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Gryaznov, S.M.
                                                                                 Unclassified.
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AR051291/c
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128373
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TITLE
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Unclassified.
1 (bases 1 to 32)
Soares, M.B. and Efstratiadis, A.
Method for construction of normalized cDNA libraries
Patent: US 5482845-A 8 09-JAN-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                       Match 0.9%; Score 25.6; DB 1; Length 32; Local Similarity 87.5%; Pred. No. 1.7e+02; les 28; Conservative 0; Mismatches 4; Indels
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87.5%; Pred. No. 1.7e+02;
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Matches 25; Conserv
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LOCUS
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BD237566 BD237566.1 GI:33047336
BD237566.1 GI:33047336
SPATHELIS CONSTRUCT
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OCHER SEQUENCES; artificial sequences.
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JP 2001507946-A/4
19-JUN-2001
06-OCT-1999 UP 1999522287
DARRELL C CONKLIN, HAL BLUMBERG
C12N15/12, C12N15/62, C12N5/10, C07K14/47, C07K16/18, C12Q1/68, PC
                                                                                                                                                                                                         Gaps
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       Unclassified.
1 (bases 1 to 27)
Garner H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 153 29-OCT-2002;
Board of Regents, The University of Texas System; Austin,
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Pred. No. 1.5e+02;
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    .26
    ^organism="synthetic construct"
/mol_type="genomic DNA"
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other seduences; artificial sequences.
1 (bases 1 to 26)
Conklin,D.C. and Blumberg,H.
A human 2-19 protein homologue, Z219A
Patent. JP 2001507946-A 4 19-JUN-2001;
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CC Oligonucleotide primer ZC7231
FH Key
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/organism="unknown"
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JP 2001507946-A/4.
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Best Local Similarity 96.3%;
Matches 26; Conservative (
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Matches 25, Conservative
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OS Artificial Ser
PN JP 2001507946
PD 19-UTN-2001
PF 06-OCT-1999 U
PI DARRELL C CONP
PC C12N15/12,C12
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BD062456/c
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BD237566/c
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                                                    Key
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Shimkete, R.A. Genes and proteins predicting and treating fit, hypertension, diabetes and obesity Patent: JP 2002525115-A 1 13-AUG-2002; CURAGEN CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Genes and proteins predictive and therapeutic for stroke, hypertension, diabetes and obesity Patent: US 6486299-A 43 26-NOV-2002; CuraGen Corporation; New Haven, CT;
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Pred. No. 1.5e+02;
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96.2%; Pred. No. 1.5e+02;
iive 1; Mismatches 0;
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Sequence 6 from patent US 631413.
AR263647
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    .26
    /organism="unknown"
    /mol_type="genomic DNA"

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Sequence 43 from patent US
AR257336
AR257336.1 GI:27307233
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Best Local Similarity 96.2%;
Matches 25; Conservative 1
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Shimkets, R.A.
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Unclassified.
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Gaps

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PAT 05-JAN-2005

SOURCE ORGANISM

VERSION KEYWORDS

REFERENCE AUTHORS

TITLE JOURNAL

FEATURES

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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
/nofe="Description of Artificial Sequence: Synthetic oligonucleotide"
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                                                         /note="Description of Artificial Sequence: Primer"
                                                                                                                            Query Match 0.9%; Score 25.2; DB 1; Length 26; Best Local Similarity 96.2%; Pred. No. 1.5e+02; Matches 25; Conservative 1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Fisher, L.B., Cachet, N.M. and Barzu-Le, S.
Canine ghrh gene, polypeptides and methods of use
Patent: WO 2004108761-A 51 16-DEC-2004;
Merial Limited (US)
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       organism="synthetic construct"
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/db_xref="taxon:32630"
/note="Primer"
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Sequence 51 from Patent WC2004108761.
CQ971812. GI:57163253
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                      /mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 37 from Patent WO0190747.
AX327980
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                                                                                         /note="v is a, c or g"
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AX327980/c
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Methods and means for manipulating nucleic acid
Patent: WO 03064691-A 36 07-AUG-2003;
Global Genomics AB (SE)
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synthetic construct
other sequences; artificial sequences.
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Adler, D. A. and Sheppard, P.O.
Secreted salivary zsig63 polypeptide
Patent: US 6828419-A 6 07-DEC-2004;
ZymoGenetics, Inc.; Seattle, WA;
                                                                                     1 (bases 1 to 26)
Adler, D.A. and Sheppard, P.O.
Secreted salivary ZSIG63 Polypeptide
Patent: US 6331413-A 6 18-DEC-2001;
YmoGenetics, Inc.; Seattle, WA;
WOX;
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/organism="unknown"
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 GI:28075580
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Best Local Similarity 96.29
Matches 25, Conservative
                                                                    Unclassified.
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Best Local Similarity
AR263647.1
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DEFINITION ACCESSION VERSION KEYWORDS

AR614321/c

LOCUS

RESULT 123

Matches

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ORGANISM

REFERENCE AUTHORS

JOURNAL

TITLE

source

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PAT 07-JAN-2002

DEFINITION ACCESSION VERSION KEYWORDS SOURCE

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REFERENCE AUTHORS source

FEATURES

TITLE JOURNAL

RESULT 124 AX814950/c LOCUS

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JP 2003014773-A/3.
synthetic construct
synthetic construct
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Scce modified transgenic mammals and their use as models of human Statesese thisease Patent: WO 02062135-A 42 15-AUG-2002;
Egelrud, Torbjorn (SE); Hansson, Lennart (SE)
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Dellinger, D.J., Dahm, S.C., Ilsley, D.D., Ach, R.A. and Troll, M.A. Hybridization assay signal enhancement
Patent: US 6103474-A 5 15-AUG-2000;
Location/Qualifiers
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/note="5 -RACE cDNA synthesis primer."
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  1; Mismatches
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Sequence 42 from Patent W002062135.
AX513052
AX513052.1 GI:23504143
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Sequence 5 from patent US 6103474.
AR105982
AR105982.1 GI:12820047
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Unclassified.
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AX513052/c
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AR105982/c
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25 bp DNA linear PAT 17-JUL-2003
Probe carrier, Method and Apparatus for producing Probe carrier.
BD187514
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synthetic construct
synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 25)
Okamura, N., Okamoto, T. and Kameyama, M.
Probe carrier, Method and Apparatus for producing Probe carrier
Patent: JP 2003014773-A 4 15-JAN-2003;
CANON INC
other sequences; artificial sequences.

1 (bases 1 to 2s)
Okamura,N., Okamoto,T. and Kameyama,N.
Probe carrier, Method and Apparatus for producing Probe carrier
Patent: JP 2003014773-A 3 15-JAN-2003;
CANON INC
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PN JP 2003014773-A/3
PD 15-JAN-2003
PP 28-MAN-2003
PP 19-DAN-2003
PP 19-DAN-2003
PP 01-DAN-2003
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100.0%; Pred. No. 1.5e+02;
tive 0; Mismatches 0;
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ilarity 100.0%; Pred. No. 1.5e+02;
Conservative 0; Mismatches 0;
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    .25
    forganism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2003014773-A/4
15-JAN-2003
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Best Local Similarity 100.0
Matches 25; Conservative
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   25 bp
5610287.
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Sequence 2 from patent US 5734020.
196072
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Sequence 1 from patent US 6838244.
AR629268
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              Sequence 2 from patent US 158009
158009.1 GI:2483073
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Best Local Similarity 100.
Matches 25; Conservative
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   158009
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AR629268/c
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JP 2002510505-A/23
09-ARR-1903
11-MAR-1999
03-APR-1998 US 60/080686
ROBERT G KUIMELIS,RICHARD WAGNER
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              PAT 17-JUL-2003
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       25 bp DNA
Protein array enabling site specification.
BD204988
                                                                                              other sequences; artificial sequences.
1 (bases 1 to 25)
Kuimelis,R.G. and Wagner,R.
Protein array enabling site specification
Patent: JP 2002510505-A 23 09-APR-2002;
                                                                                                                                                                                                                                                                                               Capture probe sequence
Key Location/Qualifiers

    .25
        /organism="synthetic construct"
| mol_type="genomic DNA"
| db_xref="taxon:32630"

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Kuimelis,R.G. and Wagner,R.
Addressable protein arrays
Patent: US 6537749-A 23 25-WAR-2003;
Phylos, Inc.; Lexington, MA
Location/Qualifiers
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AR288252
AR288252.1 GI:31675536
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/organism="unknown"
                                               BD204988.1 GI:33014758
JP 2002510505-A/23.
synthetic construct
synthetic construct
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Matches 25; Conservative
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AR288252/c
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I58009/c
BD204988/c
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Unclassified.
1 (bases 1 to 25)
Wong, Y.N.
Production and use of magnetic porous inorganic materials
Patent: US 5734020-A 2 31-MAR-1998;
Location/Qualifiers
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100.0%; Pred. No. 1.5e+02;
tive 0; Mismatches 0; Indels
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1 (bases 1 to 25)

Li, W.-L.R. and Zhou, J.S.
Fluorescent oligonucleotides and uses thereof
Patent: US 6838244-A 1 04-JAN-2005;
Monsanto Technology LLC; St. Louis, MO
Location/Qualifiers
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100.0%; Pred. No. 1.5e+02;
tive 0; Mismatches 0;
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BD192375/c
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Unclassified.

(bases 1 to 26)

Novak, J.E., Presnell, S.R., Sprecher, C.A., Foster, D.C., Holly, R.D., Gross, J.A., Johnston, J.V., Nelson, A.J., Dillon, S.R. and Hammond, A.K.

Cytokine zalphall Ligand

Patent: US 6307024-A 39 23-OCT-2001;

Location/Qualifiers
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0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels
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.00.0%; Pred. No. 1.5e+02;
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Li,W.-L.R. and Zhou,J.S.
Fluorescent oligonucleotides and uses thereof
Fluorescent US 683624-A 2 04-JAN-2005;
Monsanto Technology LLC; St. Louis, MO
Location/Qualifiers
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Sequence 39 from patent US 6307024.
AR174582
AR174582.1 GI:17914902
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Matches 25; Conservative 0; Mismatches
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/mol_type="unassigned DNA"
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Sequence 2 from patent US 6838244.
AR629269.1 GI:59759543
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AR629269/c
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SM Wide Sp.

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Eukaryota; Muzuharia; Euarchontoglires; Glires; Rodentia; Sciurognathi; Muroidea; Muridae; Murinae; Mus.

1 (bases 1 to 26)

Sciurognathi; Muroidea; Murinae; Mus.

1 (bases 1 to 26)

Sciurognathi; Muroidea; Murinae; Mus.

Sciurognathi; Mus.

Granados, E. N.; Colhen, W.; Colphitts, T. L.; Friedman, P. N.; Gordon, J.;

Granados, E. N.; Hodges, S. C.; Klass, M. R.; Kratcochvil, J. D.;

Russell, J. C.; Scheffel, C. P.; Stroupe, S. D. and Yu, H.

Ragents and methods useful for detecting diseases of the breast

L. Patent: JP 2002516576-A 14 04-JUN-2002;

PR J 2002516576-A 14

PD 04-JUN-1998 JP 1999504891

PR 20-JUN-1997 US 08/879354

PI PATRICIA A BILLING MEDEL, MAURICE COHEN, TRACEY L. COLPITIS, PAULA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Reagents and methods useful for detecting diseases of the breast. BD192375. BD192375.1 GI:33002114
JP 2002516576-A/14.
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CI2N15/12, C07K14/47, C12Q1/68, C12N15/85, C12N5/10, C07K16/18, PC
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                                                                                                 unclassified sequences.

I (bases 1 to 26)

S Goneill,R.A., Chen,J.C., Chiesa,C. and Fry,G.

Method and composition for capturing multiple polynucleotide

Patent: JP 2001503973-A 2 27-MAR-2001;

THE PERKIN ELMAR CORP

OS Unidentified

PN JP 2001503973-A/2

PD 27-MAR-2001

PF 02-OCT-1997 JP 1998516839

PR 04-OCT-1997 JP 1998516839

RROGER A O'NEILL,JAR CAIN CHEN,CLAUDIA CHIESA,GEORGE FRY PC

C1201/68 C1201768 C12017690; C1201768

CC Strandedness: Single;

CC Topology: Linear;

FH SOUTCE Loganism='Unidentifier'

/organism='Unidentified'.
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                                                                                                                                                                                                                                                                                                                                                                                        08/873437 PI
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Pred. No. 1.6e+02;
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"

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CC Strandedness: Single;
CC Topology: Linear;
BD007174.1 GI:18635545
JP 2001503973-A/2.
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DEFINITION ACCESSION VERSION KEYWORDS

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REFERENCE AUTHORS

TITLE JOURNAL

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RESULT 140 BD248975/c LOCUS

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PAT 18-DEC-2003

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FEATURES

LOCUS DEFINITION ACCESSION

RESULT 141 CS146523

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FEATURES

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Tobases 1 to 26)
Novak, J.E., Presnell, S.R., Sprecher, C.A., Foster, D.C., Holly, R.D., Gross, J.A., Johnston, J.V., Nelson, A.J., Dillon, S.R. and Hammond, A.K.
Methods of using zalphall ligand
Patent: US 6605272-A 39 12-AUG-2003;
ZymoGenetics, Inc.; Seattle, WA
Location/Qualifiers
                                                                                                   u
Gudkov,A.T.
Patent: WO 2005075644-A 1 18-AUG-2005;
Roche Diagnostics GmbH (DE); F. HOFFMANN-LA ROCHE AG (CH);
Institute of Protein Research (RU)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 26)
O'Neill,R.A., Chen,J.-K., Chiesa,C. and Fry,G.
Multiplex polynucleotide capture methods and compositions
Patent: US 6514699-A 2 04-FEB-2003;
PE Corporation (NY); Foster City, CA
Location/Qualifiers
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Pred. No. 1.6e+02;
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Sequence 39 from patent US 6605272.
AR374074.1 GI:40076646
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/organism="unidentified"
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/db_xref="taxon:32644"
1. .26
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Sequence 2 from patent US 6514699.
AR279358
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/organism="unknown"
 CS146523.1 GI:74036943
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                                    unidentified
unidentified
unclassified sequences.
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Matches 25,
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ACCESSION
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AR279358/c
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AR374074/c
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                                                                                                                 AUTHORS
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TITLE
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JOURNAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                  synthetic construct
synthetic construct
other sequences;
    (bases 1 to 26)
Novak, J.B., Presnell, S.R., Sprecher, C.A., Foster, D.C., Holly, R.D.,
Gross, J.A., Johnston, J.V., Nelson, A.J., Dillon, S.R. and
Hammond, A.K.
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                                                                                                                                                                       Gaps
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Location/Qualifiers
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                                                                                                                            Query Match

0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                          linear
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Location/Qualifiers.
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    26 'Organism="synthetic construct"
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Patent: JP 2002537839-A 36 12-NOV-2002;
ZYMOGENETICS INC
OS Artificial Sequence
PN JP 2002537839-A/36
PD 12-NOV-2002
                                                                                                                                                                                                                                                                                                                                            DNA
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Sequence 1 from Patent WO2005075644.
CS146523
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                                    1. .26
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                                                                                                                                                                                                     2709 AAAAAAAAAAAAAAAAAAAAAAA 2733
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OS Artificial Sequence
PN JP 2002537839-A/36
PD 12-NOV-2002
PF 09-MAR-2000 JP 2000603382
PR 09-MAR-1999 US 09/264908
OI-JUL-1999 US 60/142013
PI JULIA E NOVAK, SCOTT R PRESNI
                                                                                                                                                                                                                                                                                                                                      Novel cytokine ZALPHA11 ligand.
BD248975
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               Location/Qualifiers
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PI STACE
PC C12N1
PC C07K1
PC C07K1
C12N1/21,
PC C12N5
Key
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AR404597.1 GI:40153233
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                                                              Unclassified.
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BD175131/c
LOCUS
DEFINITION
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KEYWORDS
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ORGANISM
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AUTHORS
TITLE
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JOURNAL
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AUTHORS
TITLE
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AUTHORS
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Patent: US 5707807-A 3 13-JAN-1998;
Location/Qualifiers
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Patent: US 5707807-A 2 13.JAN-1998;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                               1. .26
/organism="unknown"
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Sequence 3 from patent US 5707807.
I79496.1 GI:3207786
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Sequence 2 from patent US 5707807.
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Sequence 1 from patent US 6627748.
1. .26
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I79495.1 GI:3207785
                                                                                                                                                                                                                                                                     Unknown.
Unclassified.
1 (bases 1 to 26)
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1 (bases 1 to 26)
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Novak, J.E., Presnell, S.R., Sprecher, C.A., Foster, D.C., Holly, R.D., Gross, J.A., Johnston, J.V., Nelson, A.J., Dillon, S.R. and Hammond, A.K.
Cytokine zalphall ligand polynucleotides
Patent: US 6686178-A 39 03-FEB-2004;
ZymoGenetics, Inc.; Seattle, WA
Location/Qualifiers
1 (bases 1 to 26)
Ju,J., Li,Z., Tong,A. and Russo,J.J.
Combinatorial fluorescence energy transfer tags and their
applications for multiplex genetic analyses
Patent: US 6627748-A 1 30-SEP-2003;
The Trustees of Columbia University in the City of New York; New
                                                                                                                                                                                                                                                                                                                                        Gaps
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BD175131 G1:29120825
JP 2002562911-A/12.
Synthetic construct
synthetic construct
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Patent: JP 2002262871-A 12 17-SEP-2002;
VETERANS GENERAL HOSPITAL
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0.9%; Score 25; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0;
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Sequence 39 from patent US 6686178.
AR456224
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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BD165919 29 bp DNA linear PAT 17-JAN-2003 Method for melting curve analysis of repetitive PCR products. BD165919
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Hylobatidae, Hylobates.

1 (bases 1 to 27)

Bailey,A.D. and Shen,C.K.
Sequential insertion of Alu family repeats into specific genomic stres of higher primates
Proc. Natl. Acad. Sci. U.S.A. 90 (15), 7205-7209 (1993)
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100.0%; Pred. No. 1.6e+02;
tive 0; Mismatches 0; Indels
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                                                                                                Androgen receptor complex-associated protein
Patent: BP 1227150-A 16 31-JUL-2002;
Veterans General Hospital (TW)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
              other sequences; artificial sequences.
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/mol_type="genomic DNA"
/db_xref="taxon:9581"
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JP 2002191384-A/7.
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unclassified sequences.
1 (bases 1 to 29)
Dietmaier, W.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Euarchontoglires, Glires, Rodentia,
Sciurognathi, Muroidea, Muridae, Murinae, Rattus.
OS Artificial Sequence
PN JP 2002262871-A/12
PD 17-SEP-2002
PP 28-FEB-2001
PP 28-FEB-2001
PP 28-FEB-2001
PP 201105/09.
PC 121015/09.
PC 121015/09.
PC 3011033/15.
PC 301103/15.
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Methods for identifying genes related to malfunctions of the central nervous system
Patent: WO 200400842-A 28 29-JAN-2004;
Rheoscience A/S (DK)
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100.0%; Pred. No. 1.6e+02;
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misc feature (1). (27).
Location/Qualifiers
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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/organism="Rattus sp."
/mol_type="unassigned DNA"
/db_xref="taxon:10118"
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AX492939
AX492939.1 GI:23338609
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                 Homo sapiens (human)
JP 2002191384-A/7
JP 2002191384-A/7
13-NOV-2001 JP 2001348017
15-NOV-2000 BP 00124897.0
WOLFGANG DIETWAIER
GIZNIS/09, C12Q1/68, C1ZNIS/00
Method for melting curve analysis of repetitive PCR products
Key
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Unclassified.
1 (bases 1 to 29)
Dietmaier,W.
Method for melting curve analysis of repetitive PCR products
Patent: US 664064-A 7 16-DEC-2003;
Roche Diagnostics Corporation; Indianapolis, IN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Dietmaier,W.
Method for melting curve analysis of repetitive pcr products
Patent: EP 1207210-A 7 22-MAY-2002;
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Sequence 7 from patent US 6664064.
AR438517
AR438517.1 GI:42663388
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Sequence 7 from Patent BP1207210.
AX430216

    .29
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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/organism="unknown"
/mol_type="genomic DNA"
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HOFFMANN LA ROCHE AG
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Homo sapiens
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Homo sapiens gp130 gene, partial, intron 14 splice acceptor site. AJ241944

AJ241944

AJ241944

AJ241944.1 GI:7105900

Gp130 gene; splice acceptor site.

Homo sapiens (human)

Homo sapiens (human)
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Location/Qualifiers
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Roche Diagnostics GmbH (DE) ; F. HOFFMANN-LA ROCHE AG (CH)
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Pred. No. 1.8e+02;
0; Mismatches 5; Indels
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0.9%; Score 25; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 25; Conservative 0; Mismatches 0; Indels
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1 (bases 1 to 29)
Szalai,C., Toth,S. and Falus,A.
Exon-intron organization of the human gp130 gene Gene 243 (1-2), 161-166 (2000)
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                                                                                                      1. .29
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Sequence 2 from patent US 5580731.
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Direct Submission
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PAT 29-SEP-1999

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RESULT 157 AR010037 LOCUS DEFINITION

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RESULT 158

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PAT 14-FEB-2001

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PAT 14-FEB-2001

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1 (bases 1 to 24)
Dellinger, D.J., Dahm, S.C., Ilsley, D.D., Ach, R.A. and Troll, M.A. Hybridization assay signal enhancement
Patent: US 6103474-A 7 15-AUG-2000;
Location/Qualifiers
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0.9%; Score 24; DB 1; Lv
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 24; Conservative 0; Mismatches 0;
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Bollinger, D.J., Dahm,S.C. and Troll,M.A.
Signal enhancement method and kit
Patent: US 5853993-A 1 29-DEC-1998;
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Unclassified.
I (bases I to 24)
Dellinger, D.J., Dahm, S.C. and Troll, M.A.
Signal enhancement method and kit
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Sequence 1 from patent US 5853993.
AR068465
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Sequence 7 from patent US 6103474.
AR105984
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Sequence 1 from patent US 6110682.
AR107972
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 AR105984.1 GI:12820049
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                                                                  RESULT 159
AR068465
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M Unchassified.

E 1 (bases 1 to 24)

S Johnson,E.M and Bergemann,A.D.

Monoclonal antibodies to the pur protein

MAL Patent: US 5869622-A 50 09-FEB-1999;

Location/Qualifiers

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Johnson, E.M. and Bergemann, A.D.
Cloning and expression of PUR protein
Patent: US 5756684-A 50 26-MAY-1998;
Location/Qualifiers
                                                             1. .24
/gene="gp130"
/note="splice acceptor site"
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                                                                                                                                                                                                                                                       2702 TTGTACTAAAAAAAAAAAAAAAAAA 2730
                                                                                                                                                                                                                                                                                                                                                                                 Sequence 50 from patent US 5756684.
AR010037
AR010037.1 GI:3968842
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/organism="unknown"
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Sequence 50 from patent US 5869622.
AR034772
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/chromosome="5"
/map="5q11"
1. .29
/gene="gp130"
                                                                                                                           25. .29
/gene="gp130"
/number=15
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Unclassified.
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Matches 26; Conserv
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synthetic construct
synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 24)
Patel, R. and Kurn, N.
Quantitative assay of nucleic acid amplification product
Patent: JP 2002504380-A 4 12-FEB-2002;
DADE BEHRING INC
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                                                                                                                                                                                                                                                                                                                                               Immunostimulatory oligonucleotides and uses thereof
Patent: WO 0310137-5-A 19 11-DEC-2003;
IMMUNOTECH S.A. (AR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                            /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Immunostimulatory oligonucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.9%; Score 24; DB 1; Length 24; Best Local Similarity 100.0%; Pred. No. 1.7e+02; Matches 24; Conservative 0; Mismatches 0; Indels
                                                                          Query Match 0.9%; Score 24; DB 1; Length 24; Best Local Similarity 100.0%; Pred. No. 1.7e+02; Matches 24; Conservative 0; Mismatches 0; Indels
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other sequences; artificial sequences.
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JP 2002504150-A/4
12-FEB-2002
17-FEB-1999 JP 2000532556
18-FEB-1999 US 09/025639
RAJESH PATEL, NURITH KURN
C1201/68, C12N15/09,
Synthetic DNA Probe
                                                                                                                                                                                                              Sequence 19 from Patent W003101375. AX961624
                                                 /mol_type="unassigned DNA"
Patent: US 6110682-A 1 29-AUG-2000;
Location/Qualifiers
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Location/Qualifiers
1. .24
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                       1. .24
/organism="unknown"
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JP 2002504350-A/4.
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AX961624/c
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BD136714
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Improved method for inserting nucleic acid into cyclic vector.
BD234330
JP 2002532085-A/3.
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Improved method for inserting nucleic acid into cyclic vector Patent. JP 2002532085-A 3 02-OCT-2002;
YURI ROMANTCHIKON
OS Artificial Sequence
PN JP 2002532085-A/3
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                                                                                         Length 24;
                                                                                         Query Match 0.9%; Score 24; DB 1; Length 24; Best Local Similarity 100.0%; Pred. No. 1.7e+02; Matches 0; Mismatches 0; Indels
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Millennium Predictive Medicine, Inc. (US)
/organism="synthetic construct"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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synthetic construct
other sequences, artificial sequences.
1 (bases 1 to 24)
Romantchikov, Y.
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Sequence 14833 from Patent WOO160860.
CQ482966
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17-DEC-1999 JP 2000588337
17-DEC-1998 US 09/2138:
YURI ROMANTCHIKOV
                                                                                                                                                                                                        1 AAAAAAAAAAAAAAAAAAAAA 24
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PAT 20-JUN-2002

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Gaps

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SOURCE

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Quantitative determination of nucleic acid amplification products Patent: US 6365346-A 4 02-APR-2002; Location/Qualifiers
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1 (bases 1 to 24)

1 (cruson,1.
Front tube furrow opener attachment Patent: US 6457426-A 1 01-OCT-2002;

Dutch Blacksmith Shop Ltd.; Saskatchewan;

CAX;
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Best Local Similarity 100.0%; Pred. No. 1...
Matches 24; Conservative 0; Mismatches
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Dade Behring Marburg GmbH; Marburg;
DEX;
                                                                                                                                                                                                                                                                                                                                                                  /mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4 from patent US 6406667. AR213697
24 bp
Sequence 4 from patent US 6365346.
AR202876.1 GI:21499117
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Sequence 1 from patent US 6457426

    .24
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    /mol_type="genomic DNA"

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/organism="unknown"
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Patel, R. and Kurn, N.
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Johnson, E.M. and Bergmann, A.D.
Cloning and expression of pur protein
Patent: US 5545551-A 25 13-AUG-1996;
Location/Qualifiers
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Patent: US 6346384-A 11 12-FEB-2002;
Location/Qualifiers

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Sequence 25 from patent US 5545551.
124762.1 GI:1604632
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/mol_type="unassigned DNA"
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AR184443
AR184443.1 GI:20230408
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/organism="unknown"
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Pollner, R.B.
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PAT 15-DEC-2004

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Ito, K.

Pyrexia-associated genes and pyrexia-associated proteins of plants
Patent: US 6825321-A 10 30-NOV-2004;
Japan Science and Technology Corporation; Saitama;
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Unclassified.
Unclassified.
1 (bases 1 to 24)
Romantchikov,Y.
Methods for insertion of nucleic acids into circular vectors
Patent: US 6825011-A, 3 30-NOV-2004;
Patent: Useation/Qualifiers
                                                                                                                            Unclassified.

1 (bases 1 to 24)
Maekawa,T., Mitsui,A., Date,M., Fukuda,H. and Takahara,Y.
Method for analyzing gene expression frequency
Patent: US 6806049-A 28 19-OCT-2004;
Alinomoto Co., Inc.; Tokyo;
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Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 24; Conservative 0; Mismatches 0;
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Sequence 10 from patent US 6825321.
AR610913
           Sequence 28 from patent US 6806049.
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Sequence 3 from patent US 6825011.
AR609517
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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Patel, R. and Kurn, N.
Patel, R. and Kurn, N.
Quantitative determination of nucleic acid amplification products
Quantitative Solution of Nucleic acid amplification products
Patent: U6 5573054-A 4 03-UN-2003;
Dade Behring Inc.; Deerfield, IL
Location/Qualifiers
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S Su.X., Dong,H. and Ryder,T.B.

Amplification of nucleic acids
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Amplification.
Affymetrix, Inc.; Santa Clara, CA
Location/Qualifiers
Location/Qualifiers
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Sequence 4 from patent US 6573054.
AR340571.
AR340571.1 GI:33732217
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Sequence 1 from patent US 6582938.
AR345020 GI:33741140
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/organism="unknown"
/mol_type="genomic DNA"
                                 /organism="unknown"
/mol_type="genomic DNA"
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                                                                                                                                                                            Krieg,A.M., Schetter,C. and Vollmer,J.C.
muniostimulatory nuclei acids
Patent: WO 0122972-A 413 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
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Patent: WO 0122972-A 961 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 24; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"

    .24
    forganism="synthetic construct"
|mol type="unassigned DNA"
|db_xref="taxon:32630"

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Sequence 433 from Patent WO0122972.
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Sequence 962 from Patent W00122972.
AX104770
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Sequence 961 from Patent W00122972.
AX104769
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AX104241.1 GI:13920438
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      RESULT 178
AX104241/c
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Plant thermogenic genes and proteins
Patent: US 6927288-A 10 09-AUG-2005;
Japan Science and Technology Corporation; Saitama;
JPX;
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Li,W.-L.R. and Zhou,J.S.

Li,W.-L.R. and Zhou,J.S.

Fluorescent oligonucleotides and uses thereof

Patent: US 6838244-A 5 04-JAN-2005;

Monsanto Technology LLC; St. Louis, MO

Location/Qualifiers
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AR703906
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Sequence 5 from patent US 6838244.
AR629272 AR629272.1 GI:59759548

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/mol_type="genomic DNA"
                               /organism="unknown"
/mol_type="genomic DNA"
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Length 24;

PAT 18-JUN-2002

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Pease, J.S., Cromer, R., Patel, R., Kurn, N. and de Keczer, S. Compositions for detection of multiple analytes Patent: WO 0184157-A 1 08-NOV-2001; Dade Behring Marburg GmbH (DE)
                                    ch 0.9%; Score 24; DB 1; Le 1 Similarity 100.0%; Pred. No. 1.7e+02; 24; Conservative 0; Mismatches 0;
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0.9%; Score 24; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 24; Conservative 0; Mismatches 0;
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Pred. No. 1.7e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"

    .24
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Gene silencing using mrna-cdna hybrids
Patent: WO 0210374-A 12 07-FEB-2002;
UNIVERSITY OF SOUTHERN CALIFORNIA (US)
Location/Qualifiers
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synthetic construct
other sequences; artificial sequences.
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/noTe="Synthesized"
   phosphorothioate backbone"
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Sequence 12 from Patent W00210374.
AX427163
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Matches 24; Conserv
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AX427163/c
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Krieg, A.M., Schetter, C. and Vollmer, J.C.
muduostimulatory nucleic acids
Patent: WO 0122972-A 962 05-APP-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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Real time monitoring of PCR using loci
Patent: WO 017319-A 11 04-0CT-2001;
DADE BEHRING INC. (US)
Location/Qualifiers
1. 24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="0ligonucleotide attached to beads"
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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/organism="synthetic construct"
/orl_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Synthetic oligonucleotide
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Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 24; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xrefe="taxon:32630"
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Sequence 11 from Patent WO0173129.
AX354553
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                                                                          GmbH (DE)
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AX355813/c
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PAT 20-JUN-2002

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Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 961 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
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/note="Synthetic Sequence"
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/mol_type="unassigned DNA"
/db_xref="texon:32630"
/noTe="Synthetic Sequence"
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other sequences; artificial sequences.
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other sequences; artificial sequences.
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Sequence 433 from Patent WO02053141,
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Sequence 961 from Patent W002053141.
AX547822
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Best Local Similarity
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AX547823
RESULT 185
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Mack,D.H., Gish,K.C. and Wilson,K.E.
Methods of diagnosing colorectal cancer and/or breast cancer,
compositions, and methods of screening for colorectal cancer and/or
breast cancer modulators
Patent: WO 02059609-A 13 01-AUG-2002;
EOS Biotechnology, Inc. (US)
Location/Qualifiers
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Methods of diagnosing breast cancer and screening for modulators
Patent: WO 0221134-A 11 14-MAR-2002;
EOS Biotechnology, Inc. (US)
Location/Qualifiers
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Bratzler,R.L.
Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 962 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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100.0%; Pred. No. 1.7e+02;
tive 0; Mismatches 0;
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/note="Synthetic Sequence"
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/db_xref="taxon:32630"
/note="T7-(dT)-24 primer"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 13 from Patent WO02059609.
AX684290
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Sequence 11 from Patent W00221134.
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Best Local Similarity 100.0°
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Length 25;

PAT 17-JUL-2003

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17-DEC-1999 JP 2000588337
17-DEC-1998 US 09/213834
YURI ROMAWTCHIKOV
C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N15/00,C12N5/
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Improved method for inserting nucleic acid into cyclic vector
BD234336
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Unclassified.
Unclassified.
1 (bases 1 to 25)
1 (bases 1 to 25)
Romantchikov, Y.
Methods for insertion of nucleic acids into circular vectors
Patent: US 6825011-A 9 30-NOV-2004;
Location/Qualifiers
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Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 24; Conservative 0; Mismatches 0;
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Pred. No. 1.8e+02;
Location/Qualifiers.

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/mol type="genomic DNA"
/db_xref="taxon:32630"

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Sequence 9 from patent US 6825011.
AR609523 GI:56664799
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/organism="Arabidopsis t
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/db_xref="taxon:3702"
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JP 2002532085-A/9.
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BD234336/c
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Methods of diagnosis of breast cancer, compositions and methods of screening for modulators of breast cancer
Patent: WO 02059377-140 01-AUG-2002;
EOS Biotechnology, Inc. (US)
Location/Qualifiers
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(bases 1 to 25)
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/note="bescription of Artificial Sequence:T7-T24 oligo"
                                                                                                                Gaps
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/note="t at positions 8-24 may be present or absent"
/mod_base=OTHER
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                                                     ch 0.9%; Score 24; DB 1; Length 24; I Similarity 100.0%; Pred. No. 1.7e+02; 24; Conservative 0; Mismatches 0; Indels
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Strandedness: Single;
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synthetic construct
other sequences, artificial sequences.
                                                                                                                                                                                                                                                                                                                                   Sequence 140 from Patent WO02059377.
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PP 2001508271-A/1.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
          /note="T7-(dT)-24 primer"
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AX829247/c
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RESULT 191

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BD234335/c

RESULT 194

PAT 15-DEC-2004

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17-DEC-1999 JP 2000588337
17-DEC-1996 WS 09/213834
YURI ROMANTCHIKOV
CIZN15/09,CIZN1/15,CIZN1/19,CIZN1/21,CIZN5/10,CIZN15/00,CIZN5/
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Romantchikov, Y.
Methods for insertion of nucleic acids into circular vectors Patent: US 6825011-A 8 30-NOV-2004;
Location/Qualifiers
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Romantchikov,Y.
Methods for insertion of nucleic acids into circular vectors
Patent: US 6825011-A 12 30-NOV-2004;
Location/Qualifiers
                                                                                                                  ce 1, .28 /organism='Artificial Sequence'
Location/Qualifiers
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Pred. No. 2e+02;
0; Mismatches 0; Indels
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.00.0%; Pred. No. 2e+02;
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    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

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Sequence 12 from patent US 6825011.
AR609526
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Sequence 8 from patent US 6825011.
AR609522
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/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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Matches 24; Conservative
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AR609522/c
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CIZN15/09,CIZN1/15,CIZN1/19,CIZN1/21,CIZN5/10,CIZN15/00,CIZN5/
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                                                                                                                                                                                                                       Improved method for inserting nucleic acid into cyclic vector. BD234335 BD234335.1 GI:33044105 JP 2002532085-A/8.
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Improved method for inserting nucleic acid into cyclic vector.
BD234339
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YURI ROMANTCHIKOV
OS Artificial Sequence
PN JP 2002532085-A/12
PD 02-OCT-2002
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    /organism='Artificial Sequence'

                                                                 ch 0.9%; Score 24; DB 1; Length 25; I Similarity 100.0%; Pred. No. 1.8e+02; 24; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                   other sequences, artificial sequences.
1 (bases 1 to 28)
Romantchikov,Y.
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JP 2002532085-A/12.
synthetic construct
synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 28)
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JP 2002532085-A/8
02-007-2002
17-DEC-1999 JP 2000588337
17-DEC-1998 US 09/213834
1. .25
/organism="unknown"
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                                                                Query Match
Best Local Similarity
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BD234339/c LOCUS DEFINITION

RESULT 195

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PAT 15-DEC-2004

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PAT 14-JAN-2004

linear

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RESULT 198

AR098647 LOCUS

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TITLE JOURNAL FEATURES

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by 2002532063-A/2.

synthetic construct
synthetic construct
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other sequences; artificial sequences.

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to the sequences artificial sequence of making the non-specific double strand formation unitable strand formation unitable strand formation unitable strand formation unitable strand formation and sequence strand formation artificial Sequence pn JP 2002532063-A/2

PD 02-OCT-2002
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              Basten, D., Dekker, P.J., Schuurhuizen, P.W., Schaap, P.J. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.8%; Score 23.2; DB 1; Length 28; Best Local Similarity 89.3%; Pred. No. 2.3e+02; Matches 25; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                            0.8%; Score 23.2; DB 1; Length 24;
95.8%; Pred. No. 2e+02;
ative 1; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /note="Immunostimulatory oligonucleotide"
                                                                                                                       1. .24
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/db xref="taxon:32630"
/note="RT reaction primer"
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Organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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synthetic construct
other sequences; artificial sequences.
                                   Visser.J.
Aminopeptidase
Patent: WO 0216618-A 21 28-FEB-2002;
DSM N.V. (NL)
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Sequence 74 from Patent WO03101375.
AX961679
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Best Local Similarity 95.00
The 23; Conservative
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Circular DNA vectors for synthesis of RNA and DNA
Patent: US 6368802-A 5 09-APR-2002;
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Indels
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Highly sensitive multimeric nucleic acid probes
Patent: US 6077668-A 5 20-JUN-2000;
Location/Qualifiers
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0.9%; Score 23.4; DB 1;
Best Local Similarity 96.0%; Pred. No. 2.1e+02;
Matches 24; Conservative 0; Mismatches 1;
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other sequences; artificial sequences.
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1. .26
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0; Mismatches
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/mol_type="unassigned DNA"
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Sequence 5 from patent US 6368802,
AR204721
AR204721.1 GI:21502120
                                                                                                                                                       Sequence 5 from patent US 6077668.
AR098647
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Sequence 21 from Patent WO0216618.
AX391871
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                                                        AR098647.1 GI:12808413
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1 (bases 1 to 26)
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KEYWORDS SOURCE ORGANISM

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ACCESSION VERSION

RESULT 199

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source

AUTHORS TITLE JOURNAL FEATURES

REFERENCE

DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

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Best Local Similarity 100.(
Matches 23; Conservative
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06-OCT-1999 JP 2000574722
07-OCT-1998 CA 2246623
JERRY PELLETIER, MANUJULA DAS
CLINIS/09, C12201,68, C12115/00
Description of Artificial Sequence: synthetic oligonucleotide
Key
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Unclassified.
1 (bases 1 to 24)
1 (bases 1 to 24)
Vaisberg, E.A., Adams, C.L., Sabry, J.H. and Crompton, A.M.
Database system including computer code for predictive cellular bioinformatics
Patent: US 6651008-A 4 18-NOV-2003;
Cytokinetics, Inc.; South San Francisco, CA
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Unclassified.

Ji (bases I to 24)

Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 134 29-OCT-2002;
Board of Regents, The University of Texas System; Austin,
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                                                                                    /organism='Artificial Sequence'
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0.8%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 23; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 23; Conservative 0; Mismatches 0; Indels
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Seguence 134 from patent US 6472154.
AR241846
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AR431310.1 GI:40193278
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0.8%; Score 23; DB 1; Length 24; 100.0%; Pred. No. 2.1e+02; tive 0; Mismatches 0; Indels
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100.0%; Pred. No. 2.2e+02;
tive 0; Mismatches 0;
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0.8%; Score 22.8; DB 1;
Best Local Similarity 92.3%; Pred. No. 2.3e+02;
Matches 24; Conservative 0; Mismatches 2;
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Other publication IT M1952539 19970604
Other publication AU 1175497 19970627.
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Sequence 1311 from Patent WO0129262.
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Sequence 10 from Patent WO9720924.
A63569
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AX116188.1 GI:14033130
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                            PAT 15-DEC-2005
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Unclassified.
I (bases 1 to 24)
Vaibberg, E.A., Adams, C.L., Sabry, J.H. and Crompton, A.M.
Database system including computer code for predictive cellular bioinformatics
Patent: US 6651008-A 1 18-NOV-2003;
CytoKinetics, Inc.; South San Francisco, CA
                                                                                                                                                 Immunostimulatory nucleic acids for inducing il-10 responses Patent: WO 2005111057-A 27 24-NOV-2005; Coley Pharmaceutical GmbH (DE); Coley Pharmaceutical Group, Inc. (US)
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/note="where the linkages between bases are
phosphorothioate linkages"

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0.8%; Score 22.4; DB 1;
Best Local Similarity 95.8%; Pred. No. 2.4e+02;
Matches 23; Conservative 0; Mismatches 1;
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synthetic construct
other sequences; artificial sequences.
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Sequence 27 from Patent WO2005111057.
CS223628
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Sequence 42 from patent US 5578468.
129929. GI:1820720
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Sequence 1 from patent US 6651008.
AR431307.1 GI:40193275
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Patent: WO 0218638-A 52 07-MAR-2002;
Gemini Genomics PLC (GB)
Location/Qualifiers
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Patent: WO 0218638-A 59 07-MAR-2002;
Gemini Genomics PLC (GB)
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0.8%; Score 22.4; DB 1; Length 25;
Best Local Similarity 95.8%; Pred. No. 2.46+02;
Matches 23; Conservative 0; Mismatches 1; Indels
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/db Xref="taxon:32630"
/note="Synthetic oligonucleotide"
                                                                                                                                                                                                                           Query Match 0.8%; Score 22.4; DB 1; Best Local Similarity 95.8%; Pred. No. 2.4e+02; Matches 23; Conservative 0; Mismatches 1;
i Unknow...
Unclassified.
1 (bases 1 to 25)
Pickup, D.J., Patel, D. and Antczak, J.B.
Site-specific RNA cleavage
Patent: US 5578466-A 42 26-NOV-1996;
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other sequences; artificial sequences.
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other sequences, artificial sequences.
                                                                                                                                                                             /mol_type="unassigned DNA"
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Sequence 59 from Patent WO0218638.
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Sequence 52 from Patent W00218638.
AX394507
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    /organism="unknown"

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Gaps

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Length 22; 0; Indels PAT 19-DEC-2003

linear

DNA

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Chetverin, A.B. and Kramer, F.R.
Chetverin, A.B. and Kramer, F.R.
Oligonuclectide arrays and their use for sorting, isolating,
sequencing, and manipulating nucleic acids
Patent: US 6322971-A 6 27-NOV-2001;
The Public Health Research Institute of the city of New York, Inc.;
New York, NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Nawroth, R., Deutsch, U., Vestweber, D., Shima, D.T. and Golding, M. Ve-ptp as regulator of ve-cadherin mediated processes or disorders patent: WO 03084565-A 21 16-OCT-2003;
Max.Planck-Gesellschaft zur Foerderung der Wissenschaften e.V. Berlin (DB)
                                 1 (bases 1 to 22)
Torrence,P., Silverman,R., Maitra,R. and Lesiak,K.
Method of cleaving specific strands of RNA and medical treatments
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /note="Description of Artificial Sequence: primer"
                                                                                                                                                                                                 ch 0.8%; Score 22; DB 1; Le 1 Similarity 100.0%; Pred. No. 2.4e+02; 22; Conservative 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 22; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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synthetic construct
other sequences; artificial sequences.
                                                                                 thereby Patent: US 5677289-A 19 14-OCT-1997;
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Sequence 21 from Patent WO03084565.
AX927891
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Sequence 6 from patent US 6322971.
AR261539 GI:28072607
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/organism="unknown"
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AR261539
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Torrence, P.F., Silverman, R.H., Maitra, R.K. and Lesiak, K.
Chimeric molecules targeted to viral RNAs
Patent: US 6271369-A 19 07-AUG-2001,
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0.8%; Score 22.4; DB 1; Length 25;
95.8%; Pred. No. 2.4e+02;
tive 0; Mismatches 1; Indels
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Torrence,P., Silverman,R., Maitra,R. and Lesiak,K.
Method of cleaving specific strands of RNA
Patent: US 5583032-A 19 10-DEC-1996;
Location/Qualifiers
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ive 0; Mismatches 0;
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 19 from patent US 5677289.
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AR164336.1 GI:16235464
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PAT 29-JAN-2003

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AR758058/c
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                                              Query Match 0.8%; Score 22; DB 1; Length 24; Best Local Similarity 100.0%; Pred. No. 2.5e+02; Matches 22; Conservative 0; Mismatches 0; Indels
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/note="Fig. 1C. SV40 early Poly(A) site"
3. .24
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/note="Fig. 1C. SV40 early Poly(A) site"
3. .24
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/mol_type="unassigned DNA"
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/noTe="Viral vector sequence"
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/mol_type="unassigned DNA"
/db xref="texon:32630"
/note="Viral vector sequence"
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Patent: WO 02067861-A 18 06-SEP-2002;
Location/Qualifiers
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Patent: WO 02068627-A 8 06-SEP-2002;
Location/Qualifiers
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Sequence 18 from Patent WO02067861.
AX817782
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                        /mol_type="genomic DNA"
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         organism="unknown"
                                                                                                                  3 TAAAAAAAAAAAAAAAAAAA 24
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Kane, M.D., Nagel, A.C. and Dombkowski, A.A.

Compositions and systems for identifying and comparing expressed genes (mRNAs) in eukaryotic organisms

Patent: US 695576-A 5 18-OCT-2005;

Location/Qualifiers
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Vaisberg, E.A., Adams, C.L., Sabry, J.H. and Crompton, A.M.
Database system including computer code for predictive cellular
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Patent: US 6651008-A 2 18-NOV-2003;
Cytokinetics, Inc.; South San Francisco,
Location/Qualifiers
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                                                                                                                                         25 bp
Sequence 5 from patent US 6955876.
AR758058
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Sequence 2 from patent US 6651008.
AR431308
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Sequence 6 from patent US 6651008.
AR431312
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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                     3 AAAAAAAAAAAAAAAAAA 24
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PAT 01-SEP-2000

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Unclassified.
1 (bases 1 to 21)
1 (bases 1 to 21)
Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 10 09-NOV-1999;
Location/Qualifiers
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Matson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 13 09-NOV-1999;
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Pred. No. 2.7e+02;
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Sequence 12 from patent US 5998596.
AR093143. GI:10019895
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Sequence 10 from patent US 5981185.
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/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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Sequence 13 from patent US 5981185.
AR084524
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1 (bases 1 to 21)
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AR093143/c
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AR084524/c
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KEYWORDS
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1 (bases 1 to 25)

Kane, M.D., Nagel, A.C. and Dombkowski, A.A.

Compositions and systems for identifying and comparing expressed genes (mRNAs) in eukaryotic organisms

Patent: US 695876-A 2 18-0CT-2005;
           Unclassified.

1 (bases 1 to 24)

1 (bases 1 to 24)

Vaisberg,E.A., Adams,C.L., Sabry,J.H. and Crompton,A.M.

Database system including computer code for predictive cellular bioinformatics

Patent: US 651008-A 6 18-NOV-2003;

Cytokinetics, Inc.; South San Francisco, CA

Location/Qualifiers
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Watson, M.A. and Fleming, T.P.
Mammaglobin, a mammary-specific breast cancer protein
Patent: US 5968754-A 13 19-OCT-1999;
Location/Qualifiers
                                                                                                                                                                                                           Query Match 0.8%; Score 21.4; DB 1; Length 24; Best Local Similarity 95.7%; Pred. No. 2.8e+02; Matches 22; Conservative 0; Mismatches 1; Indels
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AR080294
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/mol_type="unassigned DNA"
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Sequence 2 from patent US 6955876.
AR758055 GI:83323632
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/organism="unknown"
/mol_type="genomic DNA"
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ORGANISM
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BD224108/c
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BD183617/c
LOCUS
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Unidentified
DP 201516569-A/10
02-OCT-2001
18-SEP-1998 JP 2000511779
18-SEP-1997 US 08/933149
MARK A WATSON, TIMOTHY P FLEMING
CL2N15/09, A61K35/26, A61K39/00, A61K39/395, A61K39/395, A61K39/306,
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Unknown.
Unclassified.
1 (bases 1 to 21)
Watson,W.A. and Fleming,T.P.
Watson,W.A. and Fleming,T.P.
Watson,W.A. and Fleming,T.P.
Wathod for detecting the presence of breast cancer by detecting an increase in mammaglobin mRNA expression
increase in mammaglobin mRNA expression
Patent: US 6004756-A 13 21-DEC-1999;
Location/Qualifiers
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Мампадіоbіп, а secreted mammary specific breast cancer protein.
BD080832
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unclassified sequences.
1 (bases 1 to 21)
Watson,M.A. and Fleming,T.P.
Watson,M.A. as escreted mammary specific breast cancer protein
Patent: JP 2001516569-A 10 02-OCT-2001;
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Bergan, R. and Neckers, L.
Inhibition of protein kinase activity by aptameric action of oligonucleorides
Patent: US 5998596-A 12 07-DEC-1999;
Location/Qualifiers
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                                                                                                                   Query Match 0.8%; Score 21; DB 1; Length 21; Best Local Similarity 100.0%; Pred. No. 2.7e+02; Matches 21; Conservative 0; Mismatches 0; Indels
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Sequence 13 from patent US 6004756,
AR095412
AR095412.1 GI:10023262
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/organism="unknown"
/mol_type="unassigned DNA"
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Strandedness: Single;
Topology: Linear;
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JP 2001516569-A/10.
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BD080832/c
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TITLE
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BD224108 21 bp DNA linear PAT 17-JUL-2003 Mammaglobin, breast cancer secretory protein specific to mamma. BD224108 BD224108 1 GI:33033878 BD224108.1 GI:33033878 SP 2002525098-A/10.
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Mammaglobin, a secreted mammary specific breast cancer protein
Key
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C12N15/09,C12N15/00
Description of Artificial Sequence: a sequence of a primer for
                                                                                                                                                                                                                                                                                                                                                                                                                                                              PAT 17-JUN-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  other sequences; artificial sequences.

1 (bases 1 to 21)
Mineno,J., Asada,K., Kato,I., Tanabe,C., Sasaki,H. and Terada,M.
Method for amplifying DNA
Patent: JP 2002345466-A 69 03-DEC-2002;
TAKARA BIO INC,THE PRESIDENT OF NATIONAL CANCER CENTER JAPAN, THE
ORGANIZATION FOR PHARMACEUTICAL SAFETY AND RESEARCH
OS Artificial Sequence
OS Artificial Sequence
PN JP 2002345466-A/69
PD 03-DEC-2002
PP 08-MAX-2001 JP 201137858
PI JUNICHI MINENO,KIYOZO ASADA,IKUNOSHIN KATO,CHIKAKO TANABE. PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               P 08-MAY-2001 JP 2001137858
T JUNICHI MINENO, KIYOZO ASADA, IKUNOSHIN KATO, CHIKAKO TANABE,
HIROKI SASAKI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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/organism='Artificial Sequence'.
Location/Qualifiers
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                                                               organism='Unidentified'
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100.0%; Pred. No. 2.7e+02;
tive 0; Mismatches 0;
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100.0%; Pred. No. 2.7e+02;
tive 0; Mismatches 0;
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ATP dependent DNA helicase gene
Kev Location/Qualifiers

    .21
    forganism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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    .21
    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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BD183617
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Best Local Similarity 100.0
Matches 21; Conservative
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Best Local Similarity 100.0
Matches 21; Conservative
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Tue Nov

ORGANISM

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OS Artificial Sequence
PN JP 2002525098-A/10
PD 13-AUG-2002
PF 29-SEP-1999 UP 2000572241
PR 29-SEP-1999 US 09/162622
PI MARK A WATSON, TIMOTHY P FLEMING
PC C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/577//G01N33/574, PC
C12N15/00
CC Description of Artificial Sequence:Synthetic
FH Key Location/Qualifiers
FT source | L. c21
FT | Corganism='Artificial Sequence'.
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            other sequences; artificial sequences.

(bases 1 to 21)
Watson,M.A. and Fleming,T.P.
Mammaglobin, breast cancer secretory protein specific to nyatent: JP 2002525098-A 10 13-AUG-2002;
MATHINGTON UNIVERSITY
OS Artificial Sequence
PN JP 2002525098-A/10
PP 13-AUG-2002
PP 29-SEP-1999 JP 2000572241
PR 29-SEP-1998 US 09/162622
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Gilad,S., Einat,P. and Grossman,A.
Method for enrichment of natural antisense messenger RNA
Patent: US 6528262-A 4 04-MAR-2003;
Quark Biotech, Inc.; Cleveland, OH;
WOX;
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    .21
    ^organism="synthetic construct"
|mol type="genomic DNA"
|db_xref="taxon:32630"

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Sequence 13 from patent US 6566072.
AR322245. GI:33707814
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AR285028
AR285028.1 GI:29721942
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/organism="unknown"
/mol_type="genomic DNA"
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Unknown.
Unknown.
Unknown.
Unclassified.

I (bases 1 to 21)
Watson,W.A. and Fleming,T.P.
Watson,W.A. and Fleming,T.P.
Polynucleotides encoding mammaglobin, a mammary-specific breast cancer protein
Patent: US 568267-A 13 16-SEP-1997;
Location/Qualifiers
Unknown.
Unclassified.
In (bases 1 to 21)
Watson,M.A. and Fleming,T.P.
Wammaglobin, a secreted mammary-specific breast cancer protein
Patent: US 6566072-A 13 20-MAY-2003;
Washington University; St. Louis, MO
Location/Qualifiers
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Watson, M.A. and Fleming, T.P.
Manmaglobin, a secreted mammary-specific breast cancer protein
Patent: US 6677428 + 13 13 - JAN-2004;
Washington University; St. Louis, MO
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100.0%; Pred. No. 2.7e+02;
iive 0; Mismatches 0; Indels
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Sequence 13 from patent US 6677428.
AR452591
AR452591.1 GI:42684381
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/organism="unknown"
/mol_type="mRNA"
                                                                                                                                                                                                                                                                21 AAAAAAAAAAAAAAA 1
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I65744.1
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AR452591/c
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TITLE
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Immunostimulatory nucleic acids
Patent: WO 0123972-A 912 05-ABP-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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                                                                                                            linear
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0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 21; Conservative 0; Mismatches 0; Indels
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1 (bases 1 to 21)

Li,W.-L.R. and Zhou,J.S.
Fluorescent oligonucleotides and uses thereof
Patent: US 683844-A 6 04-JAN-2005;
Monsanto Technology LLC; St. Louis, MO
Location/Qualifiers

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|mol type="unassigned DNA"
|db_xref="taxon:32630"

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other sequences; artificial sequences.
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Sequence 912 from Patent WO0122972.
AX104720
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Sequence 6 from patent US 6838244.
AR629273.1 GI:59759550
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Sequence 4 from Patent W00125488.
AX107098 GI:13322604
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AX107098/c
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                                                                                    Gilad,S., Einat,P. and Grossman,A.
Method for enrichment of natural antisense messenger rna
Patent: WO 0125488-A 4 12-APR-2001;
Quark Biotech, Inc. (US)
Location/Qualifiers
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Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 912 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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phosphorothioate backbone"
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0.8%; Score 21; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 21; Conservative 0; Mismatches 0;
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AX547773
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Sequence 840 from Patent WO0197843.
AX355812
AX355812.1 GI:18620480
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Query Match 0.8%; Score 21; DB 1; Length 21; Best Local Similarity 100.0%; Pred. No. 2.7e+02; Matches 21; Conservative 0; Mismatches 0; Indels
                                                                                      Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
Method for sorting single-stranded nucleic acids
Patent: WO 030721818-A SO 04-SEP-2003;
Degussa Bioactives GmbH (DB)
Location/Qualifiers
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AX825163/c
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 8 04.5EP-2003;
Degussa Bloactives GmbH (DE)
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1. .21
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Sequence 50 from Patent WO03072818.
AX825152 GI:39750881
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Sequence 8 from Patent WO03072818.
AX825110
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JP 2002532063-A/10
02-0CT-2002
06-0CT-1999 JP 2000574722
07-0CT-1998 CA 2246623
JERRY PELLETIER, MANJULA DAS
C12N15/09, C12Q1/68, C12N15/00
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21 AAAAAAAAAAAAAAAAA 1
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BD244865/c
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 64 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
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/noTe="Beschreibung der kuenstlichen
                                                                                       /note="LNA-T (Locked Nucleic Acid)"
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                                                                                                                                          'note="LNA-T (Locked Nucleic Acid)"
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AX825166.1 GI:39750895
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AX825166/c
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cother sequences, artificial sequences.
cother sequences; artificial sequences.
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1 (Dases 1 to 23)
2 (Dases 1 to 23)
3 (Digonuclectide primer capable of making the non-specific double strand formation unstable formation unstable strand formation unstable
brand JP 2002532063-A 8 02-OCT-2002;
MCGILL UNIVERSITY
OS Artificial Sequence
N JP 2002532063-A/8
PD 02-OCT-2002
PP 02-OCT-1998 CA 2246623
PP 07-OCT-1998 CA 2246623
PP 07-OCT-1998 CA 2246623
PP 07-OCT-1998 CA 2246623
PP 07-OCT-1998 CA 2246623
PC CINIS/09,C1201/68,C12NIS/00
CC Description of Artificial Sequence: synthetic oligonucleotide
CC N = 3-Nitropyrrole
CC N = 3-Nitropyrrole
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23 bp DNA linear PAT 17-JUL-2003 Oligonucleotide primer capable of making the non-specific double strand formation unstable.
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BD244865.1 GI:33054635
BD244865.1 GI:33054635
JP 2002532063-A/10.
Synthetic construct
synthetic construct
other sequences; artificial sequences.
other sequences; artificial sequences.
Pelletier, J. and Das./M.
Oligonucleotide primer capable of making the non-specific double
Brrand formation unstable
Patent: JP 2002552063-A 10 02-OCT-2002;
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FEATURES

PAT 15-DEC-2004

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Nicolaides, N.C., Sass, P.M., Grasso, L., Vogelstein, B. and Kinzler, K.W.

A method for generating hypermutable organisms

Patent: WO 0188192-A 3 22-NOV-2001;

The Johns Hopkins UNiversity School of Medicine (US); Morphotek Inc. (US); Nicolaides, Micholas, C. (US); Sass, Philip, M. (US) Grasso, Luigi (US); Vogelstein, Bert (US)

Location/Qualifiers
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Unknown.
Unclassified.
I (bases I to 26)
Nicolaides,N.C., Sass,P.M., Grasso,L., Vogelstein,B. and
Kinzler,K.W.
Method for generating hypermutable organisms
Patchot: US 6825038-A 3 30-NOV-2004;
The Johns Hopkins University and Morphotek, Inc.; Baltimore, MD
Location/Qualifiers
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100.0%; Pred. No. 3.2e+02;
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other sequences; artificial sequences.
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Sequence 3 from patent US 6825038.
AR609810
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Sequence 3 from Patent WO0188192.
AX338547
AX338547.1 GI:18128947
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AX338547
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Description of Artificial Sequence: synthetic oligonucleotide N - inosine N = inosine
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Kane, M.D., Nagel, A.C. and Dombkowski, A.A.

Compositions and systems for identifying and comparing expressed genes (mRNAs) in eukaryotic organisms

Patent: US 6955876-A 3 18-OCT-2005;

Location/Qualifiers
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100.0%; Pred. No. 3e+02;
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Kane, M.D., Nagel, A.C. and Dombkowski, A.A.
Compositions and systems for identifying and
genes (mRNAs) in eukaryotic organisms
Patent: US 6955876-A 4 18-OCT-2005;
Location/Qualifiers
                                                       Location/Qualifiers

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    /db_xref="taxon:32630"

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Sequence 3 from patent US 6955876.
AR758056
AR758056.1 GI:83323633
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Sequence 4 from patent US 6955876.
AR758057.1 GI:83323634
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Best Local Similarity 100.0
Matches 21; Conservative
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AUTHORS TITLE

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AR758056/c LOCUS DEFINITION

ACCESSION VERSION KEYWORDS SOURCE ORGANISM

RESULT 246

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PAT 09-JAN-2002

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RESULT 247 AR758057

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PAT 17-JUL-2003

Tue Nov

PAT 04-APR-2003

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DNA

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RESULT 252
        AX708814
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25 bp 1
Sequence 30 from Patent WO02095071.
AX708814
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synthetic construct
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                                                                                                                 synthetic construct
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other sequences; artificial sequences.
other sequences; artificial sequences.
(CB 1 (bases 1 to 25)
(B) Pelletier,J. and Das,M.
Oligonuclectide primer capable of making the non-specific double strand formation unstable of making the non-specific double strand formation unstable of making the non-specific double patent: JP 2002332063-A 9 02-OCT-2002;
MCGILL UNIVERSITY
OS Artificial Sequence
(B) T 200232063-A/9
(B) T 200232063-A/9
(C) Artificial Sequence
(C) PP 0-CCT-1999 JP 2000574722
(C) PP 0-CCT-1999 GA 2246623
(C) C12NIS/O9 C12O1/68,C12NIS/O0
(C) Description of Artificial Sequence: synthetic oligonucleotide
(C) Description of Artificial Sequence: Synthetic oligonucleotide
(C) PR 
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           Oligonucleotide primer capable of making the non-specific double strand formation unstable.
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Location/Qualifiers
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/mol_type="unassigned DNA"
/mol_type="taxon:32630"
/note="Immunostimulatory oligonucleotide"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

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Sequence 20 from Patent W003101375.
AX961625
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BD244864.1 GI:33054634
JP 2002532063-A/9.
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AX961625/c
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                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/note="sequence to demonstrate the principle of how to detect somatic repeat instability
##N# stands for any number of nucleotides seleted from A, C, T or G#"
                                                                                                                             Plasterk, R.H.

Means and methods for identifying genes and proteins involved in
Means and methods for repair of a replication error
Patent: WO 02095071-A 30 28-NOV-2002;
Koninklijke Nederlandse Akademie van Wetenschappen (NL)
Location/Qualifiers
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Patent: WO 2004027093-A 3 01-APR-2004;
THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD
(GB)
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95.2%; Pred. No. 3.3e+02;
tive 1; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Anchor oligonucleotide (pg 152)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ouery Match 0.7%; Score 20.4; DB 1; Best Local Similarity 87.5%; Pred. No. 3.5e+02; Matches 21; Conservative 0; Mismatches 3;
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synthetic construct
other sequences; artificial sequences.
                                                                                  other sequences; artificial sequences
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Sequence 3 from Patent WO2004027093.
CQ796440.1 GI:46408212
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Sequence 3 from Patent W002074988.
AXS83623.
AX583623.1 GI:27655433
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AX708814.1 GI:29564541
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AX583623/c
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PAT 31-AUG-2000

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Unclassified.
1 (bases 1 to 20)
Watson,J.D. and Tan,P.L.J.
Methods and compounds for the treatment of immunologically-mediated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unknown.
Unclassified.
1 (bases 1 to 20)
Tan, P., Skinner, M. and Prestidge, R.
Compounds and methods for treatment and diagnosis of mycobacterial infections
Patent: US 5985287-A 83 16-NOV-1999;
                                                Query Match 0.7%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 3.2e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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/organism="unknown"
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Sequence 83 from patent US 5985287.
AR085926
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/organism="unknown"
/wol_type="unassigned DNA"
                /mol_type="unassigned DNA"
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Sequence 83 from patent US 5968524.
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    /organism="unknown"
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AR087520/c
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TITLE
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TITLE
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                                                                            Mir, K.

Arrays and methods of use
Patent: WO 02074988-A 3 26-SEP-2002;
Patent: WO MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD (GB)
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 685 02-NOV-2000;
Amerkham Pharmacia Biotech AB (SE)
Location/Qualifiers
                                                                                                                                                         Location/Qualifiers
1. .22
7. Corganism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="synthetic oligonucleotide primer (Oligo-dT"
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0.7%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                           Length 22;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="DPA1 Heterozygote Primer Sequence"
                                                                                                                                                                                                                                                                          0.7%; Score 20.2; DB 1; Length 2
95.2%; Pred. No. 3.3e+02;
tive 1; Mismatches 0; Indels
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Unclassified.
Unclassified.
S (ros, P., Kurfurst, R., Battail, N. and Piga, N. Process and device for assaying a hapten
AL Patent: US 5849480-A 5 15-DEC-1998;
Location/Qualifiers
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other sequences; artificial sequences.
                                                other sequences; artificial sequences.
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Sequence 5 from patent US 5849480.
AR064875.
AR064875.1 GI:5995091
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                 synthetic construct
synthetic construct
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Best Local Similarity 95.2*
Matches 20, Conservative
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AR064875/c
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Compounds and methods for treatment and diagnosis of mycobacterial infections
Patent: US 6160093-A 83 12-DEC-2000;
Location/Qualifiers
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Bruice, T.C. and Dev, A.P.
Deoxynucleic alkyl thiourea compounds and uses thereof
Patent: US 6169176-A 1 02-JAN-2001;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 83 from patent US 6160093.
AR121692.1 GI:14105268
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 1 from patent US 6169176.
AR123335.1 GI:14108301
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1 (bases 1 to 20)
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Unclassified.
Unclassified.
Unclassified.
Tan, P., Hiyama, J., Visser, E., Skinner, M., Scott, L. and Prestidge, R.
Mycobacterium vaccae antigens
Mycobacterium vaccae antigens
Patent: US 6001361-A 83 14-DEC-1999;
Location/Qualifiers
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                                                                      Unknown.
Unknown.
Unclassified.
1 (bases 1 to 20)
1 bitsch, S., weiss, P. A. and Jenny, L.
Ribonucleoside-derivative and method for preparing the same
Patent: US 5986084-A 1 16-NOV-1999,
Location/Qualifiers
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Unclassified.
1 (bases 1 to 20)
Uchida,K., Uchida,T., Tanaka,Y., Matsuda,Y. and Kondo,S.
Antisense nucleic acid compound targeted to VEGF
Patent: US 6150092-A 96 21-NOV-2000;
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Sequence 96 from patent US 6150092.
AR118970
AR118970.1 GI:14100880
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 83 from patent US 6001361.
AR093312.1 GI:10020062
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/organism="unknown"
/mol_type="unassigned DNA"
   Sequence 1 from patent US 5986084.
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AR087520.1 GI:10014283
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RESULT 260 AR093312

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PAT 16-JUN-2001

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AUTHORS TITLE

REFERENCE

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AR140280/c

RESULT 265

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1 (bases 1 to 20)
Huang,Z. and Szostak,J.W.
Simple and efficient method to label and modify 3'-termini of RNA
using DNA polymerase and a synthetic template with defined overhang
nucleotides
                                                                                                                                                                                                                        Unclassified.

1 (bases 1 to 20)
Manoharan,M. and Maier,M.A.
Compounds, processes and intermediates for synthesis of mixed backbone oligomeric compounds
Patent: US 6207819-A1 27-MAR-2001;
                                                                                                               linear
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AR164658
AR164658.1 GI:16237754
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/organism="unknown"
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AR154115
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Sequence 1 from patent US 6207819.
AR141070
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/organism="unknown"
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AR154115/c
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Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Zsebo,K.C. of containing the effciency of gene transfer with stem cell factor (SCP) polypeptide
Patent: US 6207454-A 33 27-MAR-2001;
Location/Qualifiers
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Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
DNA encoding stem cell factor
Patent: US 6207417-A 33 27-WAR-2001;
Location/Qualifiers
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Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Stem cell factor and compositions
Patent: US 6207802-A 33 27-MAR-2001;
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AR140558
AR140558.1 GI:14483054
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Seguence 33 from patent US 6207454.
AR140280
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Best Local Similarity 100.0
Matches 20; Conservative
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Matches 20; Conservative
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BD080522
BD080522.1 GI:22626125
UP 201515087-A/1.
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1 (bases 1 to 20)
Tan, P., Hiyama, J., Visser, E.S., Skinner, M.A., Scott, L.M. and Prestidge, R.L.

Compounds and methods for treatment and diagnosis of Mycobacterial
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Patent: JP 201503969-A 26 27-MAR-2001;
GENESIS ESEARCH & DEVELOPMENT CO LTD
OS Unidentified
PN JP 2001503969-A/26
PD 27-MAR-2001
PF 28-AUG-1997 JP 1998511516
PR PAUL TAN, UNN HIYAMA, ELIZABETH S VISSER, MARR LINDA M SCOTT,
PINDA M SCOT
                                                           High throughput functional screening of cDNAs Patent: US 6274321-A 13 14-AUG-2001; Location/Qualifiers
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/organism='Unidentified'
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                                                                                                                                                                                    /organism="unknown"
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JP 2001503969-A/26.
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                             Blumberg, B.
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BD080522/c
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other sequences; artificial sequences.

other sequences; artificial sequences.

1 (Bases 1 to 20)

1 (Bases 1 to 20)

R pitsch, S., Weiss, P.A. and Jenny, L.

R phonucleoside-derivative and method for preparing the same parent: JP 2001515087-A 1 18-SEP-2001;

STEFAN PITSCH, PATRICK A WEISS, LUZI JENNY

OS Artificial Sequence
PN JP 2001515087-A/1

PD 18-SEP-2001

PF 17-AUG-1998 JP 2000509723

PR 18-AUG-1998 JP 2000509723

PR 18-AUG-1997 AF MEISS, LUZI JENNY

PC COTHIS/OG, COTPT/18, COTHIS/16, COTHIS/16
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PI MASAYA SEGAWA,HIROSHI TAKARADA,TOSHIYA AONO,SATOKO YOSHIGA PC C12Q1/68,C12N15/09,C12N15/00
CD Description of Artificial Sequence:primer
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Location/Qualifiers
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Method of detecting single base polymorphism.
BD107450.
BD107450.1 GI:23202268
BD107450.1 GI:23202268
JP 2002034599-A/9.
synthetic construct
M synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 20)
Segawa, M., Takarada, H., Aono, T. and Yoshiga, S. Method of detecting single base polymorphism Patent: JP 2002034599-A 9 05-FEB-2002;
TOYOBO CO LTD
OS Artificial Sequence
PN UP 2002034599-A/9
PD 05-FEB-2002
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Pred. No. 3.2e+02;

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    forganism="synthetic construct"
/mol type="genomic RNA"
/db_xref="taxon:32630"

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/mol_type="genomic DNA"
/db_xref="taxon:32630"

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Gaps ö PAT 13-DEC-2004

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C12N1/19, C12N1/21, C12N5/10, C12P21/08, C12Q1/02, G01N33/569, PC
                                                                                       (C12M15/09,C12R1:32),C12N15/00,C12N5/00,(C12N15/00,C12R1:32)
Made in a lab
               AG1P17/06,AG1P31/00,AG1P31/06,AG1P37/04,C07K14/35,C07K16/12,
C07K19/00,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Kauppinen, S. and Jacobsen, N. Methods and systems for detection and isolation of a nucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /note="Attached to biotin in Oligo DNA dT20
Attached to AQ2-HEG3 in Oligo AQ-HEG3-t20
Attached to AQ2-10-mer deoxy-thymine 5-mer non-base in
Oligo AQ-t10-NB5-t"

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/organism="synthetic construct"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Exigon A/S (DK)
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other sequences; artificial sequences.
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Sequence 22 from Patent WO2005001143.
CQ990441
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CQ990441
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                                                                                                                                                                                 Mineno, J., Asada, K., Kato, I., Tanabe, C., Sasaki, H. and Terada, M. Method for amplifying DNA
Method for amplifying DNA

Detent: JP 2002345466-A 68 03-DEC-2002;
TAKARA BIO INC THE PRESIDENT OF NATIONAL CANCER CENTER JAPAN, THE ORGANIZATION FOR PHARMACEUTICAL SAFETY AND RESEARCH
OS ALTIficial Sequence
NN JP 2002345466-A/68
PD 03-DEC-2002
PP 08-MAY-2001 JP 2001137858
PI JUNICHI MINENO, KIYOZO ASADA, IKUNOSHIN KATO, CHIKAKO TANABE, PI HIROKI SASAKI,
PI MASAAKI TERADA
PI MASAAKI TERADA
PC C12N15/09
CC Description of Artificial Sequence: a sequence of a primer for
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C12N15/09,C12N15/00
Description of Artificial Sequence: a sequence of a primer for
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1 (Dases 1 to 20)
17an, P., Watson, J., Viser, E.S., Skinner, M.A. and Prestid, R.L.
Compositions derived from mycobacterium vaccae and methods for
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Location/Qualifiers
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                                       linear
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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                                       DNA
                                                                                                                                                     other sequences, artificial sequences.
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ATP dependent DNA helicase gene
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                                   BD183616
Method for amplifying DNA.
BD183616
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JP 2002345466-A/68.
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JP 2002514385-A/26.
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RESULT 273
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Label-free gene expression profiling with universal nanoparticle
probes in microarray assay format
Patent: WO 2005001143.A 24 06-JAN-2005;
Nanosphere, Inc. (US)
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Label-free gene expression profiling with universal nanoparticle
probes in microarray assay format
Patent: WO 20055001143-A 23 06-JAN-2005;
Nanosphere, Inc. (US)
Bao, Y.P. and Mueller, U.R.
Label-free gene expression profiling with universal nanoparticle probes in microarray assay format
Patent: WO 20001143-A 22 06-JAN-2005;
Nanosphere, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                             /note="a comprises an epiandrosterone disulfide group"
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Sequence 23 from Patent WO2005001143.
CQ990442
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other sequences; artificial sequences.
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other sequences; artificial sequences.
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Method for detecting analytes based on evanescent illumination and
scatter-based detection of nanoparticle probe complexes
Patent: WO 2005000822-A 17 27-JAN-2005;
Nanosphere, Inc. (US)
Location/Qualifiers
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Cosmetic or pharmaceutical preparations containing nucleic acid sequencis forming a superstructure sequences forming a superstructure parent: WO 2005063300-A 1 14-JUL-2005, Phenion GmbH & Co KG (DE)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 20; Conservative 0; Mismatches 0;
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                                                   organism="synthetic construct"
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Sequence 17 from Patent WO2005008222.
CS048832
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Sequence 1 from Patent WO2005063300.
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Location/Qualifiers
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PAT 09-JAN-2006

Matches

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VERSION

REFERENCE AUTHORS

TITLE

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FEATURES

RESULT 281

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unidentified
unclassified sequences.
I (bases I to 20.
Mizuguchi, M., Kurosaki, N., Makino, K., Koyanagi, Y. and Yamamoto, N.
ANTI-HTLV-I ANTI-SENSE OLIGONUCLEOTIDE
Patent: JP 1997052898-A 10 25-FEB-1997;
SOYAKU GIJUTSU KENKYUSHO: KK
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OC Artificial sequences.
PN UP 1997052898-A/10
PD 25-FEB-1997
PF 09-AUG-1995 JP 1995224606
PI MIZGUCHI MASATSUGU, KUROSAKI NAOKO, MAKINO KEISUKE, PI
KOYANGI YOSHIO,
PI COTAL/104/A6IX11/70;
CC Strandedness: Single;
CC topology: Linear;
CC anti-sense: Yes;
FH Key
FT SOURCE 1...20
FT COTALIA SOURCE 1...20
FT COTALIA SOURCE 1...20
FT COTALIA SOURCE 1...20
                                                                                                                                                                                       Aptamer-nanoparticle conjugates and method of use for target analyte detection
Patent: WO 2005113817-A 10 01-DEC-2005;
Nanosphere, Inc. [US)
Location/Qualifiers
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Sequence 10 from Patent WO2005113817.
CS247246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20 bp DNA Anti-HTLV-1 antisense oligonucleotide. E12676
                                                                                           synthetic construct
synthetic construct
other sequences; artificial sequences.
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                                                           CS247246.1 GI:84660597
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JP 1997052898-A/10.
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Cosmetic or pharmaceutical preparations containing nucleic acid sequences forming a superstructure
Patent: WO 2005063300-A 2 14-JUL-2005;
Phenion GmbH & Co KG (DE)
Location/Qualifiers
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Patent: WO 2005113817-A 7 01-DEC-2005;
Nanosphere, Inc. (US)
Location/Qualifiers
1. 20
/organism="synthetic construct"
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/note="Synthetic poly-A oligonucleotide"
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/mol_type="unassigned DNA"
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Sequence 2 from Patent WO2005063300.
   0; Mismatches
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CS130447.1 GI:71792415
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RESULT 282 CS247243

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PAT 20-DEC-2002

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Unknown.
Unclassified.
1 (bases 1 to 20)
Mirkin, C.A. Letsinger, R.L., Mucic, R.C., Storhoff, J.J.,
Elghanian, R. and Taton, T.A.
Nanoparticles having oligonucleotides attached thereto and uses
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Manoharan,M. and Maier,M.A.
Compounds, processes and intermediates for synthesis of mixed backbone oligomeric compounds
Patent: US 6462184-A 1 08-OCT-2002;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Pred. No. 3.2e+02;
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0.7%; Score 20; DB 1; Lo
Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 20; Conservative 0; Mismatches 0;
Unclassified.
Unclassified.
1 (bases 1 to 20)
Kurz,M., Lohse,P. and Wagner,R.
Peptide acceptor ligation methods
Parent: US 6429300-A 26 06-AUG-2002;
Phylos, Inc.; Lexington, MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent: US 6506564-A 55 14-JAN-2003;
Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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Sequence 1 from patent US 6462184.
AR236083.1 GI:27279782
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Unclassified.
Unclassified.
1 (bases 1 to 20)
Tan,P., Visser,E., Prestidge,R. and Watson,J.D.
Tompounds and methods for treatment and diagnosis of mycobacterial infections
Patent: US 6406704-A 83 18-JUN-2002;
Genesis Research and Development Corporation Limited;;
                                                                                                                                                                                                                                                            1 (bases 1 to 20)
Heller,M.J. and Tu,E.
Active programmable electronic devices for molecular biological analysis and diagnostics
Patent: US 560562-A 16 25-FEB-1997;
Location/Qualifiers
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Sequence 83 from patent US 6406704.
AR213738 GI:23311025
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Sequence 26 from patent US 6429300.
AR222466.1 GI:23329997
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Patent: US 6610491-A 55 26-AUG-2003;
     GI:33741017
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Best Local Similarity 100.0
Matches 20; Conservative
                                           Unknown.
Unclassified.
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Gilad,S., Einat,P. and Grossman,A.
Method for enrichment of natural antisense messenger RNA
Patent: US 6528262-A 5 04-MAR-2003;
Quark Biotech, Inc.; Cleveland, OH;
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Manoharan,M., Lonnberg,H., Salo,H. and Virta,P.
Aminooxy functionalized oligomers
Parent: US 6576755-A 10 10-UNY-2003;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 20; Conservative 0; Mismatches 0;
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Sequence 10 from patent US 6576752.
AR343047
AR343047.1 GI:33738375
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Sequence 55 from patent US 6582921.
AR344936
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Sequence 5 from patent US 6528262.
AR285029 GI:29721943

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Mirkin, C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses therefor
1 (bases 1 to 20)
Mirkhin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.,
Elghanian, R. and Taton, T.A.
Nanoparticles having oligomucleotides attached thereto and uses
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Watson, J. D. To and Prestidge, R.
Watson, J. C. The treatment of immunologically-mediated skin
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Genesis Research & Development Corp. Ltd., Parnell,
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Pred. No. 3.2e+02;
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Nanosphere, Inc.; Northbrook, IL
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Sequence 55 from patent US 6610491.
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Seguence 83 from patent US 6328978.
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ORGANISM

SOURCE

REFERENCE AUTHORS

JOURNAL

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1 (bases 1 to 20)
Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.,
Elghanian, R. and Taton, T.A.
Nanoparticles having oligonucleotides attached thereto and uses therefor
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Unclassified.
I (bases 1 to 20)
Mikin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.,
Elghanian, R. and Taton, T.A.
Nanoparticles having oligonucleotides attached thereto and uses
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Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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Sequence 55 from patent US 6682895.
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Sequence 55 from patent US 6709825.
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Sequence 55 from patent US 6677122.
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1 (bases 1 to 20)
Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.,
Blohanian, R. and Taton, T.A.
Nanoparticles having oligonucleotides attached thereto and uses therefor
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Mirkin, C.A., Lessinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
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Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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Sequence 55 from patent US 6645721.
AR429653. GI:40189949
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Location/Qualifiers
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                                         1 (bases 1 to 20)
Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.,
Elghanian, R. and Taton, T.A.
Nanoparticles having oligomucleotides attached thereto and uses
therefor
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Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
therefor
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Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.,
Elghanian, R. and Taton, T.A.
Nanoparticles having oligonucleotides attached thereto and uses
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                                                                                                                Patent: US 6709825-A 55 23-MAR-2004;
Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent: US 6720147-A 55 13-APR-2004;
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Sequence 55 from patent US 6720147.
AR494116
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Location/Qualifiers
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1 (bases 1 to 20)
Mirkin, C. J. Letsinger, R. L. and Park, S. -J.
Nanoparticles having oligonucleotides attached thereto and uses
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Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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Patent: US 6750016-A 55 15-JUN-2004;
Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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Sequence 55 from patent US 6730269.
AR532682
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Sequence 55 from patent US 6750016.
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(Dases 1 to 20)

Mirkin,C.A., Letsinger,R.L. and Park,S.-J.

Nanoparticles having oligonucleotides attached thereto and uses therefor

Patent: US 675016-A TO 15-JUN-2004;

Nanosphere, Inc.; Northbrook, IL

Location/Qualifiers
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Mirkhin, C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
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Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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Sequence 55 from patent US 6759199.
AR561993.
AR561993.1 GI:53975645
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Sequence 70 from patent US 6750016.
AR559411
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Sequence 33 from patent US 6759215.
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Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.,
Blghanian, R., Taton, T.A., Garimella, V. and Li, Z.
Nanoparticles having oligonucleotides attached thereto and uses therefor
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Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
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Zsebo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.H. Method of preparing human stem cell factor polypeptide Patent: US 6759215-A 33 06-JUL-2004; Amgen Inc.; Thousand Oaks, CA Location/Qualifiers
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Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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Sequence 55 from patent US 6767702.
AR565165.1 GI:53991003
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Sequence 55 from patent US 6740491.
AR568540
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Location/Qualifiers
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AR606125
AR606125.1 GI:56657968
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1 (bases 1 to 20)
Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Blghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
therefor
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Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.,
Elghanian, R. and Taton, T.A.
Nanoparticles having oligonucleotides attached thereto and uses
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Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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Seguence 55 from patent US 6777186.
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Unclassified.
1 (bases 1 to 20)
Manoharan,M., Lonnberg,H., Salo,H. and Virta,P.
Aminooxy functionalized oligomers, oligomer arrays and methods of
1 (bases 1 to 20)
Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.,
Elghanian, R. and Taton, T.A.
Nanoparticles having oligonucleotides attached thereto and uses
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1 (bases 1 to 20)
Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
therefor
Patent: US 6828432-A 55 07-DEC-2004;
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Datent: US 6825331-A 10 30-NOV-2004;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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AR611138
AR611138.1 GI:56666767
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Sequence 55 from patent US 6828432.
AR615130 GI:56671559
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PAT 14-FEB-2005

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Unknown.
Unclassified.
Unclassified.
I (bases I to 20)
I seebo, K.W., Bosselman, R.A., Suggs, S.V. and Martin, F.H.
Method of stimulating growth of melanocyte cells by administering stem cell factor
stem cell factor
Patent: US 682313.4 31 08-FEB-2005;
Amgen Inc.; Thousand Oaks, CA
Location/Qualifiers
                                                                                                                                                        1 (bases 1 to 20)
Zsebo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.H.
Stem cell factor compositions
Patent: US 641147-A 33 11-JAN-2005;
Amgen, Inc., Thousand Oaks, CA
Location/Qualifiers
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Unclassified.
Unclassified.
Weterings,K., Apuya,N.R. and Goldberg,R.B.
Polymucleotides useful for modulating transcription
Patent: US 6855866-A 36 15-FEB-2005,
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0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.2e+02;
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Sequence 33 from patent US 6852313.
AR634606
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Sequence 33 from patent US 6841147.
AR630295
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AR637822. GI:62771644
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AR637822/c
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AR630295/c
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E 1 (bases 1 to 20)
AS Li,W.-L.R. and Zhou,J.S.
Fluorescent oligonucleotides and uses thereof
NAL Patent: US 6838244-A 3 04-JAN-2005;
Monsanto Technology LLC; St. Louis, MO
Location/Qualifiers
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Li, W.-L.R. and Zhou, J.S.
Fluorescent oligonucleotides and uses thereof
Patent: US 6838244-A 4 04-JAN-2005;
Monsanto Technology LLC; St. Louis, MO
Location/Qualifiers
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Sequence 4 from patent US 6838244.
AR629271
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Sequence 3 from patent US 6838244.
AR629270 GI:59759545
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Nanosphere, Inc.; Northbrook,
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AR629271/c
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1 (bases 1 to 20)
Davies,M., Bruce,I. and Wolter,A.
Nucleic acid probes and methods to detect and/or quantify nucleic acid analytes
Patent: US 6902900-A 1 07-UUN-2005;
Prolico, LLC; Boulder, CO
Location/Qualifiers
                                                                                                                                                                                                                                             1 (bases 1 to 20)
Mirkhin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
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Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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Sequence 55 from patent US 6902895.
AR678963
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Sequence 55 from patent US 6903207.
AR680240
AR680240.1 GI:67622974
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Sequence 1 from patent US 6902900.
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1 (bases 1 to 20)
Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Blahanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
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Unclassified.
1 (bases 1 to 20)
Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Blghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
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The Regents of the University of California, Oakland, Location/Qualifiers
                                                                                                   Query Match 0.7%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 3.2e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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Sequence 55 from patent US 6861221.
AR641516
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Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Method for increasing hematopoietic progenitor cells by stem cell
                           1 (bases 1 to 20)
Mirkhin C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
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Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.,
Elghanian, R. and Taton, T.A.
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Amgen Inc.; Thousand Oaks, CA
Location/Qualifiers
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Patent: US 6903207-A 55 07-JUN-2005;
Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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Sequence 33 from patent US 6967029.
AR772057.1 GI:83347866
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Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto and uses
therefor
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Method for isolating anionic organic substances from aqueous systems using cationic polymer nanoparticles
Patent: WO 9910527-A 5 04-MAR-1999;
SUEDDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (DE)
Location/Qualifiers
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Nanosphere, Inc.; Northbrook, IL
Location/Qualifiers
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Sequence 55 from patent US 6969761.
AR773866
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Sequence 5 from Patent WO9910527.
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PAT 24-NOV-2000

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Sequence 20 from Patent WO0067023.
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AX045790.1 GI:11344157
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Screening for immunostimulatory dna functional modifyers
Patent: WO 0067023-A 9 09-NOV-2000;
CPG Immunopharmaceuticals GmbH (DE) ; UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
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Screening for immunostimulatory dna functional modifyers
Screening for immunostimulatory on functional modifyers
Batent: WO 0067023-A 17 09-NOV-2000,
CPG Immunopharmaceuticals GmbH (DE); UNIVERSITY OF IOWA RESEARCH
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/organism="synthetic construct"
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/db_xref="taxon:32630""
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Sequence 17 from Patent WO0067023.
AX045787.1 GI:11344154
                                          AX045779 20 bp
Sequence 9 from Patent WO0067023.
AX045779
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 226 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
                                                                                          Noll,B.O., Schetter,C. and Krieg,A.M.
Screening for immunostimulatory dna functional modifyers
Screening for immunostimulatory dna functional modifyers
Screening for immunostimulatory dna functional modifyers
CPG Immunopharmaceuticals GmbH (DE) ; UNIVERSITY OF IOWA RESEARCH
FOUNDATION (US)
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Matches 20; Conservative 0; Mismatches 0;
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Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J., Blghanian, R., Taton, T.A. and Li, Z. Nanoparticles having oligonucleotides attached thereto and uses therefor
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Elghanian,R., Taton,T.A. and Li,Z.
Nanoparticles having oligonucleotides attached thereto and uses
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Nanosphere, Inc. (US)
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Nanosphere, Inc. (US)
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Sequence 55 from Patent WO0151665.
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 560 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
Immunostimulatory nucleic acids
Batchn: WO 0122972-A 556 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
GmbH (DE)
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Method for enrichment of natural antisense messenger rna
Patent: WO 0125488-A 5 12-APR-2001;
Quark Biotech, Inc. (US)
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Sequence 560 from Patent W00122972.
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Methods for enhancing antibody-induced cell lysis and treating
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide
phosphodiester backbone"
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/note="Synthetic oligonucleotide
phosphorothioate backbone"
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Sequence 838 from Patent W00197843.
AX355810
AX355810.1 GI:18620478
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Sequence 2 from Patent WO0197843.
AX354974
AX354974.1 GI:18619641
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AX354974
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                                         Weiner, G. and Hartmann, G. Methods for enhancing antibody-induced cell lysis and treating
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100.0%; Pred. No. 3.2e+02;
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Patent: WO 0197843-A 839 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="random synthetic sequence"
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Synthetic oligonucleotide
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Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 55 from Patent WO0173123.
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Sequence 70 from Patent WO0173123.
AX440140
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/organism="synthetic construct"
/or_ltype="unassigned DNA"
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/note="random synthetic sequence"
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Patent: WO 0218643-A 55 07-MAR-2002;
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             therefor
Patent: WO 0173123-A 70 04-OCT-2001;
Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 55 from Patent WO0218643.
AX465311
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Sequence 70 from Patent WO0218643.
AX465326
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Location/Qualifiers
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Inhibition of angiogenesis by nucleic acids
Patent: WO 0205141-A 556 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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Inhibition of angiogenesis by nucleic acids
Parent: WO 02053141-A 226 11-JUL-2002;
Poley Pharmaceutical Group, Inc. (US)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 226 from Patent WO02053141.
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Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 560 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="texon:32630"
/note="random synthetic sequence"
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Seguence 560 from Patent WO02053141.
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Nanosphere, Inc. (US)
Location/Qualifiers
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Sequence 55 from Patent WO0246472.
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Sequence 70 from Patent WO0246472.
AX556139
AX556139.1 GI:25899521
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AX556124.1 GI:25899506
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                                   Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J., Elghanian, R., Taton, T.A., Garimella, V., Li, Z. and Park, S.J. Nanoparticles having oligonucleotides attached thereto and uses therefor Patent: WO 0246472-A 70 13-JUN-2002,
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Nucleic acid separation using immobilized metal affinity
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Nucleic acid separation using immobilized metal affinity chromatography
Patent: WO 0246398-A 6 13-JUN-2002;
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Pred. No. 3.2e+02;
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Location/Qualifiers
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/db_xref="taxon:32630"
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Patent: WO 0246398-A 5 13-JUN-2002;
The University of Houston System (US)
Location/Qualifiers
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Sequence 6 from Patent WO0246398.
AX664308
AX664308.1 GI:29164238
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Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
Patent: WO 03027328-A 14 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
Location/Qualifiers
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                                1. 20 / Organism="synthetic construct" / Arganism="synthetic construct" / Mol type="unassigned DNA" / Ab xref="taxon:32630" / NoTe="Synthetic Oligonucleotide Sequence"
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0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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The University of Houston System (US)
Location/Qualifiers
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Sequence 26 from Patent WO03027328.
AX741052
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Seguence 14 from Patent WO03027328.
AX741040
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Matches 20; Conservative
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Description of Artificial Sequence: Surface Cannot integration system capable of designating self address, compartment device, mechanism, method and operation for molecular biological analysis and diagnosis petent: JP 2001525193-A 2 11-DEC-2001;

NANOGEN INC
OS Artificial Sequence
PN JP 2001525193-A/2
PD 11-DEC-2001
PP 01-DEC-1998 JP 2000524303
PR 05-DEC-1999 JP 2000524303
PR 05-DEC-1999 JV 30 80/986065
PI RONALD G SOSNOWSKI, WILLIAM F BUTLER, EUGENE TU, MICHAEL I PI NERBIRG,
PI MICHAEL J HELLER, CARL F EDMAN
PC C1201/68, C12N15/09, C12N15/00
CC Description of Artificial Sequence: Synthesized with u at 3'
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/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic
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Unclassified.
U (bases 1 to 21)
Heller,M.J., Tu.E., Evans,G.A. and Sosnowski,R.G.
Heller,M.J., Tu.E., Evans,G.A. and Sosnowski,R.G.
diagnostics
diagnostics
Patent: US 6236624-A 2 29-MAY-2001;
Location/Qualifiers
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Sequence 2 from patent US 6238624.
AR153849
AR153849.1 GI:15121902
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provide ribonucleic acid base for reactivity; Poly A sequence
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Heller,M.J. and Tu,E.
Active programmable electronic devices for molecular biological analysis and diagnostics
Patent: US 5605662-A 2 25-FEB-1997;
Location/Qualifiers
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Unclassified.

E 1 (bases 1 to 21)

KS Weterings,K., Apuya,N.R. and Goldberg,R.B.

Polymuclocides useful for modulating transcription

MAL Patent: US 6855866-A 37 15-FEB-2005;

The Regents of the University of California; Oakland, CA

Location/Qualifiers
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Location/Qualifiers
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    ^coganism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"

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/mol_type="unassigned DNA"
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Sequence 37 from patent US 6855866.
AR637823 AR637823.1 GI:62771645
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Sequence 2 from patent US 5605662.
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Methods and compositions for amplification of RNA sequences using RNA-DNA composite primers
Patent: US 6946251-A 23 20-SEP-2005;
NuGEN Technologies, Inc.; San Carlos, CA
Location/Qualifiers
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Method for sorting single-stranded nucleic acids
Patent: WO 03072918-A 5 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers

    .21
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    /mol_type="unassigned DNA"
    /db_xref="taxon:32630"
    /noTe="Beschreibung der kuenstlichen

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/mod_base=OTHER
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/mod_base=OTHER
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/mod_base=OTHER
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0; Mismatches
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Sequence 23 from patent US 6946251.
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Boekenkamp, D., Dieck, T.H. and Hoppe, H.U. Method for sorting single-stranded nucleic acids Patent: WO 03072818-A 49 04-SEP-2003; Degussa Bioactives GmbH (DE)
                                                                                                   Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 7 04-SEP-2003;
Degussa Bloactives GmbH (DE)
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/noFe="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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/noTe="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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/mod_base=OTHER
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'mod_base=OTHER
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/mod_base=OTHER
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Sequence 49 from Patent W003072818.
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0.7%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 64-SEP-2003;
Degussa Bloactives GmbH (DE)
Location/Qualifiers
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hore="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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/mod_base=OTHER
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Sequence 7 from Patent WO03072818.
AX825109
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Sequence 6 from Patent WO03072818.
AX825108
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 52 04-SEP-2003;
Degussa Bioactives GmbH (DB)
Location/Qualifiers
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 6 2 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
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/mod_base=OTHER
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other sequences; artificial sequences.
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Sequence 62 from Patent W003072818.
AX825164.1 GI:39750893
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Sequence 52 from Patent WO03072818.
AX825154
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2708 TAAAAAAAAAAAAAAAA 2727
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AX825154.1 GI:39750883
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AX825154/c
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 51 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
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Sequenz:Capture-Oligonukleotid"
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'mod_base=OTHER
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other sequences; artificial sequences.
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Sequence 51 from Patent WO03072818.
AX825153. GI:39750882
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Kinzler, K.W.
A method for generating hypermutable organisms
Patent: WO 0188192-A 4 22-NOV-2001;
The Johns Hopkins UNiversity School of Medicine (US); Morphotek
Inc. (US); Nicolaides, Nicholas, C. (US); Sass, Philip, M. (US)
Grasso, Luigi (US); Vogelstein, Bert (US)
Location/Qualifiers
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Nicolaides,N.C., Sass,P.M., Grasso,L., Vogelstein,B. and Kinzler,K.W. Grasso,L., Vogelstein,B. and Kinzler,K.W. Generating hypermutable organisms Patent: US 6825038-A 4 30-NOY-2004;
The Johns Hopkins University and Morphotek, Inc.; Baltimore, MD Location/Qualifiers
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/note="LNA-T (Locked Nucleic Acid)"
                                                       /note="LNA-T (Locked Nucleic Acid)"
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Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0;
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Sequence 4 from Patent W00188192.
AX338548
AX338548.1 GI:18128948
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Best Local Similarity 100.0%; Pred. No. 3.38+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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/nofe="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
       1. .21
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/molphase="unassigned DNA"
/db_xreff="taxon.32630"
/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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/mod_base=OTHER
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/nod_base=OTHER
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other sequences; artificial sequences.
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Sequence 63 from Patent WO03072818.
AX825165
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Method for sorting single-stranded nucleic acids
Patent: WO 03072318-A 4 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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Sequence 2 from Patent WO03072818.
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Sequence 4 from Patent WO03072818.
AX825106
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AX825104.1 GI:39750833
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Immunostimulatory nucleic acids for inducing il-10 responses
Patent: WO 2005111057-A 51 24-NOV-2005;
Coley Pharmaceutical GmbH (DE); Coley Pharmaceutical Group, Inc. (US)
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Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 119 29-OCT-2002;
Board of Regents, The University of Texas System; Austin,
Location/Qualifiers
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/note="where the linkages between bases are
phosphorothioate linkages"

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91.3%; Pred. No. 3.6e+02;
vative 0; Mismatches 2;
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0.7%; Score 19.4; DB 1;
Best Local Similarity 95.2%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 1;
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Sequence 51 from Patent W02005111057.
CS223652. GI:83685259
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Sequence 119 from patent US 6472154.
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                                21 AAAAAAAATAAAAAAAA 1
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synthetic construct
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Best Local Similarity 91.34
Matches 21, Conservative
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 16 04-SEP-2003;
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/mod_base=OTHER
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/mod_base=OTHER
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1. Similarity 95.2%; Pred. No. 3.7e+02;
20; Conservative 0; Mismatches 1;
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 16 from Patent WO03072818.
AX825118 GI:39750847
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Sequence 13 from Patent WO03072818.
AX825115
Mismatches
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                                2706 ACTAAAAAAAAAAAAAA 2726
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 20; Conservative
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AX825118/c
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Method for sorting single-stranded nucleic acids
Patent: WO 03072918-A 1.2 04-SEP-2003;
Degussa Bloactives GmbH (DE)
Location/Qualifiers
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/db_xref="faxon:135810"
/noTe="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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(mod_base=OTHER
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/mod_base=OTHER
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(mod_base=OTHER
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/mod_base=OTHER
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95.2%; Pred. No. 3.7e+02;
trive 0; Mismatches 1;
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Sequence 29 from Patent WO03072818.
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Sequence 24 from Patent W003072818.
AX825126
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/mod_base=OTHER
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                                                                                                                                   Query Match
Best Local Similarity 95.2%
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AX825131/c
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AX825126/c
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 18 04-SEP-2003;
Degussa Bioactives GmbH (DE)
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                             Location/Qualifiers
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            Degussa Bioactives GmbH (DE)
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/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 32 04-SEP-2003;
Degussa Bioactives GmbH (DE)
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AX825150
AX825150.1 GI:39750879
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 40 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 45 04 SEP-2003;
Degusts Bioactives GmbH (DE)
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Sequence 40 from Patent WO03072818.
AX855142.
AX825142.1 GI:39750871
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Method for sorting single-stranded nucleic acids
Patent: Wo 03072818-A 53 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
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Sequenz:Capture-Oligonukleotid"
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Seguence 54 from Patent W003072818.
AX825156
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AX825155
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AX825156/C
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AX825155/c
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                                        Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 54 04-SEP-2003;
Degussa Bioactives GmbH (DE)
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 56 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
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PAT 11-DEC-2003
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 60 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
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other sequences; artificial sequences.
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Sequence 58 from Patent WO03072818.
AX825160.
AX825160.1 GI:39750889
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Sequence 60 from Patent WO03072818.
AX825162. GI:39750891
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Location/Qualifiers
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AX825160/c
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AX825162/c
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    .21
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|db_xref="taxon:32630"

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mod_base=OTHER
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PAT 27-APR-1998

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Means and methods for identifying genes and proteins involved in the prevention and/or repair of a replication error Patent: WO 02095071-A 31 28-NOV-2002;
Koninklijke Nederlandse Akademie van Wetenschappen (NL)
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OC Artificial sequences.

PN UP 1997149799-A/1

PD 10-JUN-1997

PF 30-NOV-1995 JP 1995311949

PF 30-NOV-1995 JP 1995311949

PF 30-NOV-1995 JP 1995311949

PF 30-NOV-1995 JP 1995311949

PF 30-JUN-1997

C12Q1/68, C07H21/04, C12M1/00, C12N15/09, C12Q1/44, C12Q1/48, PC G1N27/447,

PC G1N27/447,

PC G01N27/447,

CC topology: Lines Single;

CC topology: Lines Location/Qualifiers

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0.7%; Score 19.4; DB 1; Length 24; 95.2%; Pred. No. 4e+02; ive 0; Mismatches 1; Indels
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/organism="unidentified"
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Query Match
Best Local Similarity 95.2
Matches 20; Conservative
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1 (bases 1 to 24)
Cohen,D., Blumenfeld,M., Chumakov,I. and Bougueleret,L. Prostatic cancer gene Patent: JP 2002516657-A 8 11-JUN-2002; GENSET
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                                                                                                /note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
                                                                                                                                                                                                                       /note="LNA-T (Locked Nucleic Acid)"
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       1. 21
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BD196419.1 GI:33006189
JP 2002516657-A/8.
Homo sapiens (human)
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BD196419/c
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                                                                                                                                                                                                                                                                                      Lopez,R.A.
Immunostimulatory oligonucleotides and uses thereof
Patent: WO 03101375-A 23 11-DEC-2003;
IMMUNOTECH S.A. (AR)
Location/Qualifiers
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/mol_type="unassigned DNA"
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/note="Immunostimulatory oligonucleotide"
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    forganism="synthetic construct"
|mol type="unassigned DNA"
|db_xref="taxon:32630"

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Sequence 24 from Patent W003101375.
AX961629
AX961629.1 GI:40881087
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AX961630/c
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AX961628/c
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/note="sequence to demonstrate the principle of how to detect somatic repeat instability
##N# stands for any number of nucleotides selected from A, C, T or G#"
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87.0%; Pred. No. 4e+02;
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/note="Immunostimulatory oligonucleotide"
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0.7%; Score 19.2; DB 1;
Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 21; Conservative 0; Mismatches 3;
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/db_xref="taxon:32630"
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Sequence 21 from Patent WO03101375.
AX961626
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Sequence 22 from Patent WO03101375.
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Matches 20; Conservative
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Best Local Similarity 87.5%; Pred. No. 4.2e+02;
Matches 21; Conservative 0; Mismatches 3; Indels
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Patent: WO 03101375-A 26 11-DEC-2003;
IMMUNOTECH S.A. (AR)
Location/Qualifiers
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/db_xref="texon:32630"
/note="Immunostimulatory oligonucleotide"
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/nol_type="unassigned DNA"
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Sequence 26 from Patent WO03101375.
AX961631
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AX961630.1 GI:40881088
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1. .24
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/ordanism="synthetic construct"
/organism="synthetic donary"
/db_xref="taxon:32650"
/noTe="Immunostimulatory oligonucleotide"
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/coganism="synthetic construct"
/mol_type="unassigned DNA"
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/note="Immunostimulatory oligonucleotide"
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/organism="synthetic construct"
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/note="Immunostimulatory oligonucleotide"
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Sequence 73 from Patent WO03101375.
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Sequence 28 from Patent WO03101375.
AX961633
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RESULT 401 BD105782/c DEFINITION

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REFERENCE AUTHORS JOURNAL

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FEATURES

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PAT 01-MAR-2003

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1 (bases 1 to 19)
Collingwood, S.P., Moser, H.E., Altmann, K. and Douglas, M.E.
INTERMEDIATES FOR OLIGONUCLEOTIDE SYNTHESIS
Patent: WO 9747636-A 4 18-DEC-1997;
CIBA GEIGY AG (CH)
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Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 60 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="unassigned DNA"
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Sequence 60 from Patent WO02053141.
AX546921
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Sequence 4 from Patent WO9747636.
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CE 1 (bases 1 to 24)

RS Conrad,M.J. and Coutts,S.

Conjugates of biologically stable polymers and polynucleotides for treating systemic lupus erythematosus

AL PARRACEUTICAL CO

S Artificial Sequence

PN JP 2001354569-A/7

PD 25-DEC-2001

PF 04-APR-2001 JP 2001106534

PR 16-JNN-1990 US 466138,13-MAR-1990 US 494118 PI

MICHAEL J CONRAD,STEPHEN COUTTS

CC Synthetic Construct

FH Key Location/Qualifiers

FT source / Organism='Artificial Sequence'.
                                                                                                                BD105782 21-AUG-2002 COnjugates of biologically stable polymers and polynucleotides for
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 60 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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    .24
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BD105782
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24 AAAAACAAATGAAAAAAAAA 1
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JP 2001354569-A/7.
synthetic construct
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DEFINITION ACCESSION VERSION KEYWORDS SOURCE

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AUTHORS TITLE JOURNAL

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PAT 29-SEP-1999

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Sequence 23 from patent US 6127533.
AR111949.1 GI:12828797
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Sequence 22 from patent US 6127533.
AR111948
                                                                                   ARI11947 19 bp 1
Sequence 21 from patent US 6127533.
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19 AAAAAAAAAAAAAAAA 1
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                          Unclassified.

1 (Dases 1 to 19)
Leclerc, 6. and Martel, R.
Radiolabeled DNA Oligomucleotide and method of preparation
Patent: US 5821354-A 1 13-OCT-1998;
Location/Qualifiers
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100.0%; Pred. No. 3.6e+02;
tive 0; Mismatches 0; Indels
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Cook, P.Dan., Mancharan, M. and Kawasaki, A.Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 20 03-0CT-2000!
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Unknown.
Unclassified.
3 1 (bases 1 to 19)
S Leeds, J.M. and Cummins, L.L.
Fluorescence based nuclease assay
AL Patent: US 6127124-A 1 03-0CT-2000;
Location/Qualifiers
19

    19
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Matches 19; Conservative
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Unclassified.
2 (bases 1 to 19)
2 Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2 Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2 Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
3 Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
3 Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
3 Cook, P. Dan., Mamoru.
3 Cook, P. Dan., Mamoru.
4 Dan., Mamoru.
4 Dan., Mamoru.
5 Cook, P. Dan., Mamoru.
5 Cook, P. Dan., Mamoru.
6 Cook, P. Dan., Mamoru.
7 Cook, P. Dan., M
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Unclassified.
(I (bases 1 to 19)
Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-0-aminooxy-modified oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                     Unknown..
Unclassified.
1 (bases 1 to 19)
Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru..
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 21 03-OCT-2000;
Location/Qualifiers
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Matches 19; Conservative
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Unclassified.

E 1 (bases 1 to 19)
S Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.

2'-O-aminooxy-modified oligonucleotides
AL Patent: US 6127533-A 24 03-OCT-2000;
Location/Qualifiers
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100.0%; Pred. No. 3.6e+02;
ive 0; Mismatches 0; Indels
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Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru. 2'-O-aminoxy-modified oligonucleotides
Patent: US 6127533-A 25 03-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                   DNA
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Patent: US 6127533-A 23 03-OCT-2000;
                                                                        Query Match
0.7%; Score 19; DB
Best Local Similarity 100.0%; Pred. No. 3.6
Matches 19; Conservative 0; Mismatches
                                                                                                                                                                                                             Sequence 24 from patent US 6127533. AR111950

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Sequence 25 from patent US 6127533.
AR111951
AR111951.1 GI:12828799
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              Location/Qualifiers
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E 1 (bases 1 to 19)
S Cook, P.Ban., Manoharan, M. and Kawasaki, A.Mamoru.
2'-0-aminooxy-modified oligonucleotides
AL Patent: US 6127533-A 26 03-OCT-2000;
Location/Qualifiers
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Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 27 03-OCT-2000;
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1 (bases 1 to 19)

Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 31 03-OCT-2000;
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Pred. No. 3.6e+02;
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100.0%; Pred. No. 3.6e+02;
tive 0; Mismatches 0;
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/organism="unknown"
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Sequence 27 from patent US 6127533.
AR111953.1 GI:12828801
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Sequence 31 from patent US 6127533.
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AR111957.1 GI:12828805
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/organism="unknown"
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/organism="unknown"
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B (bases 1 to 19)
S Cook, P.Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
AL Patent: US 6127533-A 34 03-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                          M Unknown.
Unclassified.

1 (bases 1 to 19)
S Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
2'-O-aminooxy-modified oligonucleotides
AL Patent: US 6127533-A 33 03-OCT-2000;
Location/Qualifiers
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   0.7%; Score 19; DB 1; Length 19; 100.0%; Pred. No. 3.6e+02; tive. 0; Mismatches 0; Indels
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Sequence 33 from patent US 6127533.
AR111959.1 GI:12828807
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Sequence 34 from patent US 6127533.
AR111960.1 GI:12828808
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Seguence 44 from patent US 6127533.
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1 (bases 1 to 19)

Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Manoharan,M., Cook,P.Dan., Prakash,T.P. and Rawasaki,A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 21 09-JAN-2001;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 19)
Manoharan,M., Cook,P.Dan., Frakash,T.P. and Kawasaki,A.M.
Mannooxy-modified oligonuclectides and methods for making same
Patent: US 6172209-A 20 09-JAN-2001;
Location/Qualifiers
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Unknown.
Unclassified.
1 (bases 1 to 19)
Cook, P.Dan., Manoharan,M. and Kawasaki,A.Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 44 03-OCT-2000;
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/organism="unknown"
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Sequence 21 from patent US 6172209.
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Location/Qualifiers
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Manoharan,M., Cook,P. Dan., Prakash,T.P. and Kawasaki,A.M. Aminooxy-modified oligonucleotides and methods for making Patent: US 6172209-A 26 09-JAN-2001;
Location/Qualifiers
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AR124849.1 GI:14110210
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Sequence 25 from patent US 6172209.
AR124848
AR124848.1 GI:14110209
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Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 22 09-DNN-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 19)
Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminoòxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 23 09-JAN-2001;
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Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified oligonuclectides and methods for making same
Patent: US 6172209-A 24 09-JAN-2001;
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Sequence 23 from patent US 6172209.
AR124846.
AR124846.1 GI:14110207
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Sequence 22 from patent US 6172209.
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AR124845.1 GI:14110206
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1 (Dases 1 to 19)
Manoharan, M., Cook, P. Dan., Prakash, T. P. and Kawasaki, A. M. Aminooxy-modified oligonucleotides and methods for making same Patent: US 6172209-A 34 09-JAN-2001;
Location/Qualifiers
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Manoharan, M., Cook, P. Dan., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 4 09-JAN-2001;
Location/Qualifiers
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Sequence 44 from patent US 6172209.
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AR124867.1 GI:14110228
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Sequence 34 from patent US 6172209.
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Sequence 20 from patent US 6194598.
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I (bases 1 to 19)
Manoharan,M., Cook, P. Dan., Prakash, T. P. and Kawasaki, A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209-A 33 09-JAN-2001;
Location/Qualifiers
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Mancharan, M., Cock, P. Dan., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 61722094 31 09-JAN-2001;
Location/Qualifiers
                                                                                                                         1 (bases 1 to 19)
Mancharan, M., Cock, P. Dan., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified oligonucleotides and methods for making same
Patent: US 6172209 A 27 09-JAN-2001;
Location/Qualifiers
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Sequence 31 from patent US 6172209.
AR124854
AR124854.1 GI:14110215
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Sequence 33 from patent US 6172209.
AR124856
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19 AAAAAAAAAAAAAAAAAA
 Sequence 27 from patent US
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         1 (bases 1 to 19)
Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonuclectide synthetic intermediates
Patent: US 6194598-A 20 27-FEB-2001;
Location/Qualifiers
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Cook, P.Dan., Mancharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonuclectide synthetic intermediates
Patent: US 6194588-A 21 27-FEB-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unclassified.

(Inclass 1 to 19)

Cook, P.Dan., Mancharan, M. and Kawasaki, A. Mamoru.

Aminooxy-moddified oligonuclectide synthetic intermediates

Patent: US 6194598-A 22 27-FEB-2001;
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Matches 19; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 3.6e+02;
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Pred. No. 3.6e+02;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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AR135293
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1 (bases 1 to 19)

Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.

Aminooxy-modified oligonucleotide synthetic intermediates

Patent: US 6194598-A 24 27-FEB-2001;
                                                                                                                                                                   [ (bases 1 to 19)
Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194588-A 23 27-FEB-2001;
Location/Qualifiers
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Cook, P.Dan., Mancharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 25 27-FEB-2001;
Location/Qualifiers
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Sequence 23 from patent US 6194598.
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Sequence 25 from patent US 6194598.
AR135296
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Sequence 24 from patent US 6194598.
AR135295 GI:14124200
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/organism="unknown"
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AR135304/c
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Unclassified.
1 (bases 1 to 19)
Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194589-A 27 27-FEB-2001;
                                                                                                                                                                                                                                                                                          Unclassified.

1 (bases 1 to 19)

100k, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.

Aminooxy-modified oligonuclectide synthetic intermediates

Patent: US 6194598-A 26 27-FEB-2001;

Location/Qualifiers
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100.0%; Pred. No. 3.6e+02;
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/organism="unknown"
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                                                                                                                                                                                               Sequence 26 from patent US 6194598. AR135297
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/mol_type="unassigned DNA"
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Sequence 27 from patent US 6194598.
AR135298 GI:14124203
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Matches 19; Conservative
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Unclassified.
Unclassified.
1 (bases 1 to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligomoufectide synthetic intermediates
Patent: US 619598-A 34 27-FEB-2001;
Location/Qualifiers
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Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 33 27-FEB-2001;
Location/Qualifiers
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Cook, P.Dan., Mancharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 31 27-FEB-2001;
Location/Qualifiers
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100.0%; Pred. No. 3.6e+02;
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/mol_type="unassigned DNA"
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Seguence 34 from patent US 6194598.
AR135305
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/organism="unknown"
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AR135302
AR135302.1 GI:14124207
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                                                                                  Unknown.
Unclassified.
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Unclassified.
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   Gaps
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                                                                                                                                                                                       Unclassified.

1 (bases 1 to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 44 277-FEB-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unclassified.
1 (bases 1 to 19)
Manoharan,M., Kawasaki,A.M., Cook,P.Dan., Fraser,A.S. and
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                                                                                                          linear
  0; Indels
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Patent: US 6147200-A 4 14-NOV-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                             0.7%; Score 19; DB 1; Le
100.0%; Pred. No. 3.6e+02;
tive 0; Mismatches 0;
                                                                                                         DNA
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 0; Mismatches
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AR153863.1 GI:15121916
                                                                                                       AR135315 19 bp Sequence 44 from patent US 6194598.
AR135315
                                                                                                                                                                                                                                                                          /organism="unknown"
/wol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Sequence 4 from patent US 6147200.
AR141898
AR141898.1 GI:15101414
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                     2709 AAAAAAAAAAAAAAA 2727
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Best Local Similarity 100.(
Matches 19; Conservative
19; Conservative
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AR141898/c
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synthetic construct
synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 19)
Sosnowski, R.G., Butler, W.F., Tu, E., Nerenberg, M.I., Heller, M.J. and
                                                                                                                                                                                                                                                                                                         ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 19)
Manoharan,M., Mohan,V. and Boswell,H.
RNA targeted 2'-modified oligonucleotides that are conformationally
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Self-assembling microelectronic integration system capable of designating self address, compartment device, mechanism, method and operation for molecular biological analysis and diagnosis patent: JP 2001525193-A 16 11-DEC-2001;
NANOGEN INC
OS Artificial Sequence
PN JP 2001525193-A/16
PD 11-DEC-2001
PP 01-DEC-2001
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Self-assembling microelectronic integration system capable of designating self address, compartment device, mechanism, method and operation for molecular biological analysis and diagnosis.
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Tobses 1 to 19)
Heller,M.J., Tu.E., Evans,G.A. and Sosnowski,R.G.
Hethods for transport in molecular biological analysis and diagnostics
Patent: US 6238624-A 16 29-MAY-2001;
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Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 0;
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Patent: US 6271358-A 6 07-AUG-2001;
Location/Qualifiers
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Sequence 6 from patent US 6271358.
AR164173
AR164173.1 GI:16235162
                                                                                                                               Location/Qualifiers
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PAT 17-JUL-2003

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Best Loca Matches

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BD274439 11-JUL-2003 ONA linear PAT 17-JUL-2003 Oligonucleotides having A-DNA form and B-DNA form confirmational
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ISIS PHARMACEUTICALS INC

S Artificial Sequence

PN JP 2002543215-A/16

PD 17-DEC-2002

PF 03-MAY-2000 JP 2000615638

PP 03-MAY-1999 US 09/30386

PI MUTHAH MANOHARAN, VENKATRAMAN MOHAN

PC C07H21/02, A61K48/00, A61P35/00, A61P43/00, C12N15/09,

PC C12N15/00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             03-MAY-2000 JP 2000615638
03-MAY-1999 US 09/303586
MUTHAH MANOHARAN, VENKATRAWAN MOHAN
CO7H31/02, A61K48/00, A61P35/00, A61P35/02, A61P43/00, C12N15/09,
C12N15/00
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() (bases 1 to 19)

Manoharan, M. and Mohan, V.

Oligonucleotides having A-DNA form and B-DNA form confirmational
                                                                                                                                                                                                                                                                        other sequences, artificial sequences.
1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form confirmational
                                                          BD274438 17-JUL-2
Oligonucleotides having A-DNA form and B-DNA form confirmational
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ilarity 100.0%; Pred. No. 3.6e+02;
Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_kref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                  Patent: JP 2002543215-A 15 17-DEC-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002543215-A/15
PD 17-DEC-2002
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Location/Qualifiers
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BD214439
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BD274439.1 GI:33084207
JP 2002543215-A/16.
synthetic construct
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JP 2002543215-A/15.
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nes 19; Conserv
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     RESULT 448
BD274438/c
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PN JP 2002516657-A/489
PD 11-JUN-2002
PF 22-DEC-1998 JP 2000525562
PF 22-DEC-1999 JP 2000525562
PR 22-DEC-1997 US 08/996306,09-SEP-1998 US 60/099658 PI
DANIEL COHEN,MARTA BLUMENFELD,ILYA CHUMAKOV,LYDIE BOUGUELERET PC
C12N15/09,C12N15/09,A01K67/027,C07K14/47,C07K16/18,C12N1/15, PC
C12N1/19,C12LN15/00,C12N5/10,C12N5/10,C12P21/08,C12Q1/68,G01N33/50 PC
C12N15/00,C12N15/00
CC TOLONIS/00,C12N15/00
CC TOLONIS/00,C12N15/00
CC TOLONIS/00,C12N16/00
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini;
Hominidae, Homo.
1 (bases I to 19) -
Cohen, D., Blumenfeld, M., Chumakov, I. and Bougueleret, L.
Prostatic cancer gene
Patent: JP 2002516657-A 489 11-JUN-2002;
                                 PI
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  05-DEC-1997 US 08/986065
RONALD G SOSNOWSKI, WILLIAM F BUTLER, EUGENE TU, MICHAEL I
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tive 0; Mismatches 0; Indels
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PR 05-DEC-1997 US 08/986065
PI RONALD G SOSNOWSKI, WILLIAM F BUTLER, EUGENE TU
NERNBERG,
PI CTCALL J HELLER, CARL F EDWAN
PC C12Q1/68,C12N15/09,C12N15/00
CC Description of Artificial Sequence: Amine
CC Description of Artificial Sequence: Amine
CC Description of Artificial Sequence: Amine
CC Description of Artificial Sequence
CC Description of Artificial Sequence
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    19
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    ^2rganism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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JP 2002516657-A/489.
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Homo sapiens
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I (bases 1 to 19)

Rancharan,M. and Mohan,V.

Oligonucleorides having A-DNA form and B-DNA form confirmational geometry

Pactorical Sequence

Oligonucleorides having A-DNA form and B-DNA form confirmational geometry

AL Patent: JP 2002543215-A 17 17-DEC-2002;

ISIS PHARMACEUTICALS INC

OS Artificial Sequence

PN D 7-DEC-2002

PN D 30-MAY-2000 JP 2000615638

PR 03-MAY-2000 JP 2000615638

PR 03-MAY-1999 US 09/303586

PR 03-MAY-1999 US 09/303586

PR 03-MAY-1999 US 09/303586

PR 03-MAY-1999 US 09/303586

PR 03-MAY-1000 JP 2000615638

PC COTHIAL MANOHARAN, VENKATRAMAN MOHAN

PC COTHIAL OL AGIKER OL OL AGIRBS OL OL AGIPBS OL OL AGIPBS OL OL AGIRBS OL OL AGIPBS OL OL AGIRBS 
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Best Local Similarity 100.0%; Pred. No. 3.6s+02;
Matches 19; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
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/mol_type="genomic DNA"
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                                                                                                        misc feature (16)..(17)
misc feature (17)..(18)
misc feature (18)..(19).
Location/Qualifiers
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2' - O-MOE linkage
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JP 2002543215-A/17.
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L Patent: JP 2002543215-A 18 17-DEC-2002;
ISIS PARRAMCEUTICALS INC
OS Artificial Sequence
NO JP 200254315-A/18
PD 17-DEC-2002
PP 30-MAY-1999 US 09/30386
PR 03-MAY-1999 US 09/30386
PR 03-MAY-1999 US 09/30386
PR COTIZI,02,461K48/00,A61P35/00,A61P35/02,A61P43/00,C12N15/09,PC COTIZI,02,A61K48/00,A61P35/00,A61P35/02,A61R48/00,A61P35/00,A61P35/02,CC 2: O-MOE; sub O linkage
CC 2: O-MOE; sub O linkage
BD274441 11-JUL-2003 Oligonucleotides having A-DNA form and B-DNA form confirmational
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                                                                                                                                            synthetic construct
synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form confirmational
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1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form confirmational
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Patent: JP 2002543215-A 26 17-DEC-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002543215-A/26
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misc_feature (17)..(1
misc_feature (19)..(1
misc_feature (19)..(1
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JP 2002543215-A/18.
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JP 2002543215-A/26.
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AR205801/c
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Unclassified.
1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational
17-DEC-2002
03-MAY-2000 JP 2000615638
03-MAY-1999 US 09/303586
MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
COTH21/02, A61K48/00, A61P35/00, A61P35/02, A61P43/00, C12N15/09,
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Unclassified.
1 (bases 1 to 19)
Manobaran, W. and Mohan, V.
Oligonucleotides having A-DNA form and B-DNA form conformational
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Patent: US 6369209-A 15 09-APR-2002;
Location/Qualifiers
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Sequence 16 from patent US 6369209.
AR205799
AR205799.1 GI:21503473
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Sequence 15 from patent US 6369209.
AR205798
                                                                                    2. -modified T linkage
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AR205798/c
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Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational
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Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational
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100.0%; Pred. No. 3.6e+02;
tive 0; Mismatches 0; Indels
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Patent: US 6369209-A 18 09-APR-2002;
Location/Qualifiers
geometry
Patent: US 6369209-A 16 09-APR-2002;
Location/Qualifiers
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Patent: US 6369209-A 17 09-APR-2002;
Location/Qualifiers
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/organism="unknown"
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Sequence 18 from patent US 6369209.
AR205801. GI:21503476
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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AR205800.1 GI:21503474
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PAT 25-SEP-2002

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1 (bases 1 to 19)
Kawasaki, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and
Prakash, T.P.
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1 (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakssh,T.P.
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Regioselective synthesis of 2'-O-modified nucleosides Patent: US 6403779-A 2 11-UUN-2002; ISIS Pharmaceuticals, Inc.; Carlsbad, CA Location/Qualifiers
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100.0%; Pred. No. 3.6e+02;
tive 0; Mismatches 0; Indels
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tive 0; Mismatches 0; Indels
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Sequence 3 from patent US 6403779.
AR213492
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Sequence 4 from patent US 6403779.
AR213493
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                                                                                             /mol_type="genomic DNA"
                                                                             /organism="unknown"
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Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
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1 (basses 1 to 19)
Kawasasi, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and
Prakash, T.P.
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Patent: US 6403779-A 11-UUN-2002;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 0;
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                                      Sequence 26 from patent US 6369209.
AR205809
AR205809.1 GI:21503486
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Patent: US 6369209-A 26 09-APR-2002;
Location/Qualifiers
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Sequence 2 from patent US 6403779.
AR213491
AR213491.1 GI:23310722
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/organism="unknown"
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Manoharan, M. and Mohan, V.
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AR213491/c
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Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
Regioselective synthesis of 2'-0-modified nucleosides
Patent: US 6403779-A 7 11-UUN-2002;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
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Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
Regioselective synthesis of 2'-0-modified nucleosides Patent: US 6403779-A 12 11-UN-2002;
ISIS Pharmacuticals, Inc.; Carlsbad, CA Location/Qualifiers
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Patent: US 6403779-A 8 11-JUN-2002,
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Seguence 12 from patent US 6403779,
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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Kawasaki, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and Prakash, T.P.

Regioselective synthesis of 2'-O-modified nucleosides Patent: US 6403779-A 6 11-UUN-2002;

ISIS Pharmaceuticals, Inc.; Carlsbad, CA

Location/Qualifiers
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Unclassified.
1 (bases 1 to 19)
Kawasaki, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and
Prakash, T.P.
                                                                                                                                                                                                                                                                                                           Regioselective synthesis of 2'-O-modified nucleosides Patent: US 6403779-A 5 11-UUN-2002; ISIS Pharmaceuticals, Inc.; Carlsbad, CA Location/Qualifiers
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Sequence 6 from patent US 6403779.
AR213495 GI:23310726
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Sequence 5 from patent US 6403779,
AR213494 GI:23310725
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DEFINITION ACCESSION VERSION KEYWORDS SOURCE

ORGANISM

AUTHORS

REFERENCE

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FEATURES

RESULT 463 AR213495/c

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REFERENCE AUTHORS

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RESULT 462

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VERSION KEYWORDS SOURCE ORGANISM

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AR213496/c LOCUS

RESULT 464

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RESULT 467 AR213502/c LOCUS

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ACCESSION VERSION KEYWORDS

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REFERENCE AUTHORS JOURNAL

TITLE

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PAT 26-SEP-2002
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Ravikumar,V.T., Manoharan,M., Capaldi,D.C., Krotz,A., Cole,D.L. and
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Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
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                                                                                                                         Prakash, T.P.
Regioselective synthesis of 2'-O-modified nucleosides
Patent: US 6403779-A 25 11.JUN-2002;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
                                                                                                                                                                                                                                                                                     Query Match 0.7%; Score 19; DB 1; Length 19; Best Local Similarity 100.0%; Pred. No. 3.6e+02; Matches 19; Conservative 0; Mismatches 0; Indels
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Patent: US 6465628-A 1 15-OCT-2002;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Kurz, M., Lohse, P. and Wagner, R.
Peptide acceptor ligation methods
Patent: US 6429300-A 25 06-AUG-2002;
Phylos, Inc.; Lexington, MA
Location/Qualifiers
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AR222465
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Sequence 1 from patent US 6465628.
AR237463
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        AR213512.1 GI:23310743
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nes 19; Conservative
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Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
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Kawasaki, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and
Prakash, T.P.
                                                                                                                                                                                                                                                                                                                                                                      Regioselective synthesis of 2'-0-modified nucleosides
Patent: US 6403779-A 14 11-JUN-2002;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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tive 0; Mismatches 0;
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AR213503
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Sequence 25 from patent US 6403779.
AR213512
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                     19; Conservative
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Unclassified.
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Best Local Similarity
Matches 19; Conserv
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DEFINITION

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REFERENCE AUTHORS JOURNAL

TITLE

FEATURES

RESULT 468 AR213503/c

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LOCUS DEFINITION ACCESSION RESULT 469 AR213512/c

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PAT 17-AUG-2003

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Unknown.
Unknown.
Unclassified.
1 (bases 1 to 19)
1 (bases 1 to 19)
Manoharan,M., Cook,P.D., Prakash,T.P. and Mohan,V.
Guanidinium functionalized nucleotides and precursors thereof
Patent: US 6593466-A 5 15-UUL-2003;
Patent: US 6593466-A inc.; Carlabad, CA
Location/Qualifiers
                                                                                                                   1 (bases 1 to 19)
Mancharan,M., Cook,P.D., Prakash,T.P. and Mohan,V.
Guanidinium functionalized nucleotides and precursors thereof
Patent: US 6593466-A 1-JUJ-2003;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Unclassified.
Unclassified.
Collingwood, S.P., Moser, H.E., Altmann, K.-H. and Douglas, M.E.
Intermediates for oligonucleotide synthesis
Patent: US 6329519-A 4 11-DEC-2001;
ISIS Pharmaceuticals, Inc.; Carlebad, CA;
GBX;
                                                                                                                                                                                                                                                                                             Query Match 0.7%; Score 19; DB 1; Length 19; Best Local Similarity 100.0%; Pred. No. 3.6e+02; Matches 19; Conservative 0; Mismatches 0; Indels
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Sequence 5 from patent US 6593466.
AR359806
Sequence 4 from patent US 6593466

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Unknown.
Unknown.
Unclassified.
1 (Dases 1 to 19)
1 (Dases 1 to 20)
Manoharan,M., Cook,P.D., Prakash,T.P. and Mohan,V.
Guanidinium functionalized nucleotides and precursors thereof
Patent: US 6593466-A 3 15-JUL-2003;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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1 (bases 1 to 19)

Baxter,A.D., Collingwood,S.P., Douglas,M.E. and Taylor,R.J.
Oligonucleotide analogues
Patent: US 6562960-A 10 13-MAY-2003;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA;
GBX;
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Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels
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Sequence 10 from patent US 6562960.
AR321589
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AR359804 1 GI:3376662
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/organism="unknown"
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/mol_type="genomic DNA"
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19 AAAAAAAAAAAAAAAAAAAAA 1
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ACCESSION VERSION KEYWORDS SOURCE ORGANISM

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PAT 18-DEC-2003

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PAT 18-DEC-2003

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In (bases I to 19)

Reseash, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and Prakash, T.P.

Regioselective synthesis of 2'-0-modified nucleosides

Regioselective synthesis of 2'-5 modified nucleosides

Regioselective I 12-5EP-2003;

ISIS Pharmaceuticals, Inc.; Carlsbad, CA

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
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Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Regioselective synthesis of 2'-O-modified nucleosides
Patent: US 664494-A 2 23-SEP-2003;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Patent: US 6624294-A 3 23-SEP-2003;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
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Sequence 2 from patent US 6624294.
AR403602.
AR403602.1 GI:40151188
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Sequence 3 from patent US 6624294.
AR403603.1 GI:40151189
        Sequence 1 from patent US 6624294.
                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
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Unclassified.
1 (bases 1 to 19)
Crooke, S.T., Lima, W.F., Wu, H. and Monoharan, M.
Human Rnase H1 and oligonucleotide compositions thereof
Patent: US 6617442-A 17 09-SEP-2003;
Isis Pharmaceuticals, Inc.; Carlsbad, CA
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Crooke, S.T., Lima, W.F., Wu, H. and Monoharan, M.
Runase H1 and oligonucleotide compositions thereof
Patent: US 6617442-A 18 09-SEP-2003;
Isis Pharmaceuticals, Inc.; Carlsbad, CA
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                                               Query Match 0.7%; Score 19; DB 1; Length 19; Best Local Similarity 100.0%; Pred. No. 3.6e+02; Matches 19; Conservative 0; Mismatches 0; Indels
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AR399177
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AR403608/c
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AR403607/c
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1 (Dases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
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Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
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Patent: US 6624994-A 5 23-SEP-2003;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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100.0%; Pred. No. 3.6e+02;
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100.0%; Pred. No. 3.6e+02;
tive 0; Mismatches 0; Indels
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Sequence 5 from patent US 6624294.
AR403605.1 GI:40151191
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Sequence 4 from patent US 6624294,
AR403604
AR403604.1 GI:40151190
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1 (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
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Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
Prakash,T.P.
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Kawasaki, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and Prakash, T.P.
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ISIS Pharmaceuticals, Inc.; Carlsbad, CA Location/Qualifiers
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Matches 19; Conservative 0; Mismatches 0;
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Sequence 7 from patent US 6624294.
AR403607.
AR403607.1 GI:40151193
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Sequence 8 from patent US 6624294.
AR403608 1GI:40151194
Sequence 6 from patent US 6624294.

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Sequence 25 from patent US 6624294.
AR403623
AR403623.1 GI:40151209
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Sequence 15 from patent US 6624294.
AR403614
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Sequence 1 from patent US 6639061.
AR412338
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Kawasaki, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and
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1 (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
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Patent: US 6624294-A 12 23-SEP-2003;
ISIS Pharaccuticals, Inc.; Carlsbad, CA
Location/Qualifiers
          Regioselective synthesis of 2'-O-modified nucleosides
Patent: US 6624294-A 8 23-SEP-2003;
ISIS Pharmaccuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Patent: US 662494-A 14 23-SEP-2003;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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ilarity 100.0%; Pred. No. 3.6e+02;
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Sequence 12 from patent US 6624294.
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Sequence 14 from patent US 6624294.
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Prakash, T. P.
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Kawasaki, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and
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Kawasaki A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and
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Regioselective synthesis of 2'-0-modified nucleosides
Regioselective synthesis of 2'-0-modified nucleosides
Patent: US 6624294-A 15 23-SEP-2003;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Regioselective synthesis of 2'-O-modified nucleosides
Patent: US 6624294-A 25 23-SEP-2003;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
linear
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       Unclassified.
Unclassified.
1 (bases 1 to 19)
COOK, P.D., Manoharan, M., Maier, M. and An, H.
C3-wethylene hydrogen phosphonate oligomers and related compounds
Patent: US 6639061-A 1 28-OCT-2003;
Patent: US Pharmaceuticals, Inc.; Carlsbad, CA
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Manoharan, M. and Cook, P. D.
2'-O-aminoethyloxyethyl-modified oligonucleotides
Parent: US 6673912-A 5 06-JAN-2004;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
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Manoharan,M., Cook,P.D. and Guinosso,C.J.
Modified Oligonucleotides
Patent: US 6651458-A 6 25-NOV-2003;
ISIS Pharmaceuticals, Inc.; Carlebad, CA
Location/Qualifiers
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Sequence 5 from patent US 6673912.
AR451262
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Seguence 6 from patent US 6653458.
AR432616
AR432616.1 GI:40195149
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Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational geometry
Patent: US 6737520-A 15 18-MAY-2004;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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AS Manohazan,M. and Cook,P.D.
AS-O-aminocethyloxyethyl-modified oligonucleotides
2--O-aminocethyloxyethyl-modified oligonucleotides
AL Patent: US 6673912-A 26 06-JAN-2004;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 0;
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Sequence 26 from patent US 6673912.
AR451282
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Unknown.
Unclassified.
1 (bases 1 to 19)
Ravikumar, V.T., Manoharan, M., Capaldi, D.C., Krotz, A., Cole, D.L. and
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Unclassified.
1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational
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0.7%; Score 19; DB 1; Le
100.0%; Pred. No. 3.6e+02;
/ative 0; Mismatches 0;
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Patent: US 6737520-A 26 18-MAY-2004;
ISIS Pharmaceuticals, Inc.; Carlsbad,
Location/Qualifiers
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Sequence 26 from patent US 6737520.
AR541361. GI:53933008
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LOCUS AR696327 19 bp
DEFINITION Sequence 3 from patent US 6914148.
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Sequence 1 from patent US 6858715.
AR641124
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Unclassified.
I (bases I to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational geometry.
Patent: US 6737520-A 18 18-WAY-2004;
Patent: US 6737520-A 18 18-WAY-2004;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
                 Unclassified.

1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational geometry
Patent: US 6737520-A 16 18-MAY-2004;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Patent: US 6737520-A 17 18-MAY-2004;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Sequence 18 from patent US 6737520.
AB541353
AR541353.1 GI:53933000
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1 (bases 1 to 19)
Manoharan, M. and Mohan, V.
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In (bases 1 to 19)

S Manoharan, M., Cook, P.D., Prakash, T.P. and Mohan, V.
Guanidaniam functionalized intermediates

AL Patent: US 691418-A 7 05-UUL-2005;

ISIS Pharmaceuticals, Inc.; Carlsbad, CA

Location/Qualifiers
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E 1 (bases 1 to 19)
S Mancharan, M., Cook, P. D., Prakash, T. P. and Mohan, V. Guanidinium functionalized intermediates
AL Patent: US 691418-A 13 05-UUL-2005;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Manoharan, M., Cook, P.D., Prakash, T.P. and Mohan, V. Guanidinium functionalized intermediates
Guanidinium 6014148-A 3 05-JUL-2005;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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Sequence 13 from patent US 6914148.
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Sequence 7 from patent US 6914148.
AR696331 GI:75198980
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AR696331/c
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Prakash, T.P. and Manoharan, M.
Prakash, T.P. and Manoharan, M.
Pachtods of modulating pharmacokinetics of oligonucleotides
Patent: US 6921812-A 3 26-JUL-2005;
ISIS Pharmaceuticals, Inc., Carlsbad, CA
Location/Qualifiers
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Sequence 24 from patent US 6946251.
AR720127
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AR700528
AR700528.1 GI:75916170
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1 (bases 1 to 19)
Manoharan,M. and Guzaev,A.
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Patent: US 5861487-A 20 19-JAN-1999;
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                                                                               Kurn,N.
Methods and compositions for amplification of RNA sequences using
RNA-DNA composite primers
Patent: US 6946251-A 24 20-SEP-2005;
NuGEN Technologies, Inc.; San Carlos, CA
Location/Qualifiers
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1 (bases 1 to 20)
Holton,T.Albert., Cornish,E.Cecily., Kovacic,F., Tanaka,Y. and
Lester,D.Ruth.
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AR030917.
GI:5944131
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Holton, T.A., Cornish, E.C., Kovacic, F., Tanaka, Y. and Lester, D.R.
Genetic sequences encoding flavonoid pathway enzymes and uses
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In vitro amplification of Patent: WO 2005003389-A 3 13-JAN-2005;
Royal Holloway and Bedford New College (GB)
Location/Qualifiers
                                                                                                                Query Match 0.7%; Score 19; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 0;
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    .20
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Location/Qualifiers
                       1. .20
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Sequence 20 from patent US 5569832.
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PAT 11-DEC-2003

DEFINITION ACCESSION VERSION KEYWORDS

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ORGANISM

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FEATURES

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Brenner,S.
Massively parallel sequencing of sorted polynucleotides
Patent: US 5695934-A 23 09-DEC-1997;
Location/Qualifiers
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 1 04-SEP-2003;
Degussa Bioactives GmbH (DE)
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Sequenz:Capture-Oligonukleotid"
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/mod_base=OTHER
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other sequences; artificial sequences.
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/mol_type="unassigned DNA"
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AX825105/c
AX0505
AX825105
DEFINITION Sequence 3 from Patent WO03072818.
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Sequence 1 from Patent W003072818.
AX825103
AX825103.1 GI:39750832
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AX825103/c
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                                                                                                                                                                                                                                                                                                                                                     SM Unknown.

Unclassified.

E 1 (bases 1 to 20)

RS Holton,T.Albert., Cornish,E.Cecily. and Tanaka,Y.

Genetic sequences encoding flavonoid pathway enzymes and uses therefor sequences in 11.-20

| Location/Qualifiers | 1...20
| Corganism="unknown" | C
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184433
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                                                                                                                                                                                             20 bp
Sequence 11 from patent US 5639870.
147310
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Sequence 23 from patent US 6140489.
AR118155 AR118155.1 GI:14099061
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1 (bases 1 to 21)
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1 (bases 1 to 21)
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AR118155/c LOCUS

RESULT 512

DEFINITION

ACCESSION VERSION KEYWORDS SOURCE

ORGANISM

REFERENCE AUTHORS TITLE JOURNAL ö

Gaps

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PAT 11-DEC-2003

LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

REFERENCE

RESULT 513

184433/c

Bource

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'note="LNA-T (Locked Nucleic Acid)"
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Best Local Similarity 100.
Matches 19; Conservative
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 9 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
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/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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Sequenz:Capture-Oligonuklectid"
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mod_base=OTHER
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Sequence 9 from Patent WO03072818.
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100.0%; Pred. No. 3.9e+02;
tive 0; Mismatches 0; Indels
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|noTe="Beschreibung der kuenstlichen
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Query Match 0.7%; Score 19; DB 1; Length 21; Best Local Similarity 100.0%; Pred. No. 3.9e+02; Matches 19; Conservative 0; Mismatches 0; Indels
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 14 04-SEP-2003;
Degussa Bioactives GmbH (DE)
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/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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Sequence 14 from Patent W003072818.
AX825116.1 GI:39750845
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PAT 11-DEC-2003

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munuostimulatory nucleic acids
Patent: WO 0122972-A 6.1 05-ARB-2101;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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Sequence 61 from Patent WO0122972.
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AX825161.1 GI:39750890
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 55 04-SEP-2003;
Degussa Bioactives GmbH (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                organism="synthetic construct"
|mol type="unassigned DNA"
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|note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
       /note="LNA-T (Locked Nucleic Acid)"
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Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 0;
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Sequence 59 from Patent WO03072818.
AX825161
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PAT 16-JUN-2001

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
                                                                                                           Shoshan, A., Wasserman, A., Mintz, E., Mintz, L. and Faigler, S. Oligonucleotide library for detecting rna transcripts and splice variants that populate a transcriptome Patent: WO 0210449-A 31969 07-FEB-2002;
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1 (bases i to 20)
2sebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
DNA encoding stem cell factor
Patent: US 6207417-A 34 27-MAR-2001;
Location/Qualifiers
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1 (bases 1 to 20)

2sebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
DNA encoding stem cell factor
Patent: US 6207417-A 32 27-MAR-2001;
Location/Qualifiers
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Sequence 34 from patent US 6207417.
AR139962.1 GI:14482458
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Sequence 32 from patent US 6207417.
AR139960
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/organism="unknown"
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/organism="unknown"
/mol_type="unassigned DNA"
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Best Local Similarity 95.04
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Patent: WO 2005003393-A 12 13-JAN-2005;
Keygene N.V. (NL)
Location/Qualifiers
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Best Local Similarity 90.9%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"
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Sequence 31969 from Patent WO0210449.
CQ562334 GI:41528761
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Seguence 61 from Patent WO02053141.
AX546922
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Unclassified.
Unclassified.
1 (bases 1 to 20)
Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Method for enhancing the effciency of gene transfer with stem cell
factor (SCF) polypeptide
factor (SCF) polypeptide
Factor (SCF) polypeptide
Location/Qualifiers
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1 (bases 1 to 20)

2 Saebo,K.M., Bosesman,R.A., Suggs,S.V. and Martin,F.H.

Method for enhancing the effciency of gene transfer with stem cell
factor (SCF) polypeptide

Patent: US 6207454-A 32 27-MAR-2001;
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Query Match 0.7%; Score 18.4; DB 1; Length 20; Best Local Similarity 95.0%; Pred. No. 4.2e+02; Matches 19; Conservative 0; Mismatches 1; Indels
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95.0%; Pred. No. 4.2e+02;
7ative 0; Mismatches 1;
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/organism="unknown"
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Sequence 32 from patent US 6207802.
AR140557.1 GI:14483053
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/organism="unknown"
/mol_type="unassigned DNA"
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Protection of partial complementary nucleic acid fragment using electroconductive chip and intercalator
Patent: US 6399305-A 5 04-JUN-2002,
Location/Qualifiers
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Unclassified.
1 (bases 1 to 20)
Makino,Y., Abe,Y., Takagi,M., Takenaka,S., Yamashita,K. and Makino,Y., Abe,Y., Takagi,M., Takenaka,S., Yamashita, K. and
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Unclassified.

1 (bases 1 to 20)

Ssebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.

Stem cell factor and compositions

Patént: US 6207802-A 32 27-MAR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 20)
Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Esem cell factor and compositions
Patent: US 6207802-A 34 27-MAR-2001;
                                                                                                                                                                                                     0.7%; Score 18.4; DB 1; Length 20; 95.0%; Pred. No. 4.2e+02; tive 0; Mismatches 1; Indels
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95.0%; Pred. No. 4.2e+02;
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Sequence 5 from patent US 6399305.
AR211367.1 GI:21514670
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/organism="unknown"
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Matches 19; Conservative
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AR634605/c
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Unclassified.
1 (bases 1 to 20)
2 Ssebo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.H.
Zsebo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.H.
Method of preparing human stem cell factor polypeptide
Patent: US 6759215-A 32 06-UUL-2004;
Amgen Inc., Thousand Oaks, CA
Location/Qualifiers
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1 (Dases 1 to 20)

2 (Dases 1 to 20)

Rebo, K.M. Bosselman, R.A., Suggs, S.V. and Martin, F.H. Method of preparing human stem cell factor polypeptide Patent: US 6752915-A 34 06-JUL-2004;

Amgen Inc.; Thousand Oaks, CA

Location/Qualifiers
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AR630294
0; Mismatches
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Sequence 34 from patent US 6759215.
AR562158.1 GI:53976021
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Sequence 32 from patent US 6759215.
AR562156
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19; Conservative
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AR562158/c
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AR562156/c
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Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Method of stimulating growth of melanocyte cells by administering
stem cell factor.
Patent: US 685213-A 32 08-FEB-2005;
Amgen Inc.; Thousand Oaks, CA
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Zsebo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.H.
Stem cell factor compositions
Patent: US 6841147-A 34 11-JAN-2005;
Amgen, Inc., Thousand Oaks, CA
Location/Qualifiers
1 (bases 1 to 20)
Zsebo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.H.
Stem cell factor compositions
Patent: US 6841147-A 32 11-JAN-2005;
Amgen, Inc.; Thousand Oaks, CA
Location/Qualifiers
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Best Local Similarity 95.0%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels
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95.0%; Pred. No. 4.2e+02;
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Sequence 32 from patent US 6852313.
AR634605
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Sequence 34 from patent US 6841147.
AR630296
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/mol_type="genomic DNA"
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/organism="unknown"
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Best Local Similarity
                                      Unclassified.
             Unknown.
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ORGANISM
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Unclassified.

(Dases 1 to 20)
Zsebo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.H.
Method of stimulating growth of melanocyte cells by administering stem cell factor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unclassified.
1 (bases 1 to 20)
Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Method for increasing hematopoietic progenitor cells by stem cell
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Amgen Inc.; Thousand Oaks, CA
Location/Qualifiers
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Amgen Inc.; Thousand Oaks, CA
Location/Qualifiers
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AR634607.1 GI:59791793
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Sequence 32 from patent US 6967029.
AR772056.
AR772056.1 GI:83347865
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Sequence 34 from patent US 6967029.
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1 (bases 1 to 20)
Zsebo,K.M., Bosselman,R.A., Suggs,S.V. and Martin,F.H.
Method for increasing hematopoletic progenitor cells by stem cell
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Detection of partly complementary nucleic acid fragment Patent: EP 1055278-A 5 03-JAN-2001,
FUJI PHOTO FILM CO., LID. (JP)
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other sequences; artificial sequences.
                                                                                            Patent: US 6967029-A 34 22-NOV-2005;
Amgen Inc.; Thousand Oaks, CA
Location/Qualifiers
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Sequence 5 from Patent BP1065278.
AX136903
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 19 04-SEP-2003;
Degussa Bioactives GmbH (DE)
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Sequenz:Capture-Oligonukleotid"
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Sequenz:Capture-Oligonukleotid"
                                                                                                               note="LNA-T (Locked Nucleic Acid)"
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                                                                                         'bound_moiety="Biotin"
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Method for sorting single-etranded nucleic acids
Patent: WO 03072818-A 20 04-SEP-2003;
Degussa Bloactives GmbH (DE)
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                                                                                           Query Match 0.7%; Score 18.4; DB 1; Best Local Similarity 95.0%; Pred. No. 4.4e+02; Matches 19; Conservative 0; Mismatches 1;
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AX825122
AX825122.1 GI:39750851
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/mod_base=OTHER
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Sequence 23 from Patent WO03072818.
AX825125
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Best Local Similarity 95.0
Matches 19; Conservative
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Reschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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0.7%; Score 18.4; DB 1;
Best Local Similarity 95.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 1;
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other sequences; artificial sequences.
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 30 04-SEP-2003;
Degussa Bloactives GmbH (DE)
Location/Qualifiers
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 31 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
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Sequenz:Capture-Oligonukleotid"
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other sequences; artificial sequences.
                                                                     Sequence 30 from Patent WO03072818.
AX825132
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Sequence 31 from Patent WO03072818.
AX825133.1 GI:39750862
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Patent: WO 03072818-A 33 04-SEP-2003;
Degussa Bioactives GmbH (DE)
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Sequenz:Capture-Oligonukleotid"
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Sequenz:Capture-Oligonukleotid"
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/mod_base=OTHER
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synthetic construct
other sequences; artificial sequences.
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Sequence 33 from Patent W003072818.
AX825135.1 GI:39750864
                                                                                                  'bound_moiety="Biotin"
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RESULT 552 AX825137/c LOCUS

ઠે 셤 DEFINITION

ACCESSION VERSION KEYWORDS SOURCE

ORGANISM

REFERENCE AUTHORS

JOURNAL FEATURES source

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0.7%; Score 18.4; DB 1; Length 21; 95.0%; Pred. No. 4.4e+02; tive 0; Mismatches 1; Indels
                                                   Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 36 04-SEP-2003;
Degussa Bloactives GmbH (DE)
Location/Qualifiers
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Method for sorting single-stranded nucleic acids
Patent: Wo 03072818-A 37 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
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Sequenz:Capture-Oligonukleotid"
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Sequenz:Capture-Oligonukleotid"
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other sequences; artificial sequences.
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AX825139/c
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Sequence 35 from Patent WO03072818.
AX825137
AX825137.1 GI:39750866
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PAT 11-DEC-2003

linear

LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE

AX825138/c

RESULT 553

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linear

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Length 21;
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Pred. No. 4.4e+02;
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Best Local Similarity 95.0%; Pred. No. 4.4e
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Sequence 39 from Patent WO03072818.
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Sequence 46 from Patent W003072818.
AX825148. GI:39750877
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AX825141/c
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 38 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
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Sequenz:Capture-Oligonukleotid"
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other sequences; artificial sequences.
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Sequence 38 from Patent WO03072818.
AX825140
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/mod_base=OTHER
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PAT 11-DEC-2003

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Artificial Sequence
JP 2002532386-A/16
02-OCT-2002
                                        Query Match 0.7%;
Best Local Similarity 95.0%;
Matches 19; Conservative
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 47 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
              /note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="synthetic construct"
|mol type="unaasigned DNA"
|db xref="taxon:32630"
|noTe="Beschreibung der kuenstlichen
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/mod_base=OTHER
18
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/mod_base=OTHER
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/mod_base=OTHER
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/mod_base=OTHER
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/mod_base=OTHER
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/mod_base=OTHER
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/mod_base=OTHER
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/mod_base=OTHER
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/mod_base=OTHER
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/mod_base=OTHER
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'mod_base=OTHER
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Sequence 47 from Patent WO03072818.
AX825149
AX825149.1 GI:39750878
db xref="taxon:32630"
                                                     bound_moiety="Biotin"
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Matches 19; Conservative
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AX825149/c
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Rammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.

1 (Dases 1 to 22)
Shimada;K.
Shimada,K.
Method of comparison and detection of RNA amount and DNA amount
Patent: JP 2001333800-A 1 04-DEC-2001;
UNITECH CO LTD
OS Homo sapiens (human)
PN JP 2001333800-A/1
PP 30-MAY-2000 JP 2000160324
PP 30-MAY-2000 JP 2000160324
PP KAORI SHIMADA
PP KAORI SHIMADA
CC C1201/68,C12N15/09,G01N33/50,C12N15/00
CC Method of comparison and detection of RNA amount and DNA CC
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/organism='Homo sapiens (human)'.
Location/Qualifiers
                                                                      Length 21;
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synthetic construct
synthetic construct
other sequences, artificial sequences.

1 (bases 1 to 23)
Hartwich,G. and Heller,A.
Method of electrochemically detecting nucleic acid
patent: JP 2002532386-A 16 02-0CT-2002;
FRIZ BIOCHEM GMBH
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Method of electrochemically detecting nucleic acid.
BD245230
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/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
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0.7%; Score 18.4; DB 1;
Best Local Similarity 95.0%; Pred. No. 4.5e+02;
Matches 19; Conservative 0; Mismatches 1;
                                                                    Score 18.4; DB 1;
Pred. No. 4.4e+02;
0; Mismatches 1;
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    .22
    /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"

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JP 2001333800-A/1.
Homo sapiens (human)
Homo sapiens
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JP 2002532386-A/16.
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/organism="unknown"
/mol_type="unassigned DNA"
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                                         Query Match
Best Local Similarity
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AR690508/c
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                                                                  PC 601N27/416,G01N27/48,G01N33/483,G01N33/50,G01N33/566,C12N15/00, PC G01N27/416,G01PC CC Method of electrochemically detecting nucleic acid FH Key
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1 (bases 1 to 19)
Croteau, R.Bruce., Lupien, S.Lee. and Karp, F.
Recombinant materials and methods for the production of limonene
PF 19-NOV-1999 JP 2000583928
PR 23-NOV-1999 DE 199 SE 13 957.6,29-APR-1999 DE 199 21 940.0 PI
GERHARD HARTWICH, ADMA HELLER
PC CO7H21/00,C07H21/02,C07H21/04,C12N15/09,C12Q1/68,G01N27/12,
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Unclassified.
1 (Dases 1 to 19)
Croteau,R.Bruce., Lupien,S.Lee. and Karp,F.
Recombinant materials and methods for production of limonene hydroxylases
                                                                                                            Method of electrochemically detecting nucleic acid FH Location/Qualifiers
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94.7%; Pred. No. 4.2e+02;
tive 1; Mismatches 0;
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0.7%; Score 18.4; DB 1;
Best Local Similarity 95.0%; Pred, No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 1;
                                                                                                                                                                                 1. .23
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
1. .19
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Patent: US 6083731-A 18 04-JUL-2000;
Location/Qualifiers
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AR102020
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 18 from patent US 6194185.
AR134802.
AR134802.1 GI:14123707
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Best Local Similarity 94.74
Matches 18; Conservative
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AR102020/c
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AR134802/c
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Fischer,R., Kinoshita,T., Yadegari,R., Gehring,M., Okamuro,J. and Dang,V.-D.
                                                                                                                                                                                                                                                                                                                                      Unclassified.
Unclassified.
I (bases 1 to 19)
Brown, S.M., Elich, T.D., Heck, G.R., Kishore, G.M., Logusch, E.W.,
Logusch, S.J., Piller, K.J., Rao, S., Ream, J.E. and Baerson, S.R.
Methods for controlling gibberellin levels
Patent: US 6723897-A 85 20-APR-2004;
Monsanto Technology, LLC; St. Louis, MO
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Pred. No. 4.2e+02;
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Best Local Similarity 94.7%; Pred. No. 4.2e+02;
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Sequence 44 from patent US 6906244.
AR690508
AR690508.1 GI:74473246
                                                                                                                                                                                                     Sequence 85 from patent US 6723897. AR528447
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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PAT 29-SEP-1999

linear

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1 (bases 1 to 18)
De Rose, R., Duval, M., Job, C. and Job, D.
Seed specific biotinylated protein, SBP65, from leguminous plants
Patent: US 5837820-A 3 IT-NOV-1998;
Location/Qualifiers
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Unclassified.
In (Dases 1 to 18)

Lin,C.-I.Patsy., Wallace,R.Bruce., Cossman,J. and French,C.
Lin,C.-I.Patsy., Wallace,R.Bruce., Cossman,J. and French,C.
Method and formulation for lyophilizing cultured human cells to
preserve RNA and DNA contained in cells for use in molecular
biology experiments

biology experiments

Location/Qualifiers
                                                                                                                                       Unclassified.

1 (bases 1 to 18)

Chatelain,F. and Kumarev,V.

Process for preparing polynucleotides on a solid support in a tightly packed bed
Patent: US 5869643-A 18 09-FEB-1999;
Location/Qualifiers
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100.0%; Pred. No. 4.2e+02;
tive 0; Mismatches 0; Indels
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 9 from patent US 6071745.
AR097579.1 GI:12806309
                                                                                                                                                                                                                                                                                                                         /organism="unknown"
/wol_type="unassigned DNA"
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Sequence 3 from patent US 5837820.
AR058305 GI:5983882
Sequence 18 from patent US 5869643.
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AR034899.1 GI:5950504
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AR097579/c
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PN JP 1999196874-A/9
PD 27-JUL-1999
PP 14-JAN-1998 JP 1998005399
PR 14-JAN-1998 JP 1998005399
PR HIDEKI KAMIBARA, SENSHU UEMATSU
PC C12N15/09, C12Q1/68, G01N27/447, C12N15/00, G01N27/26 CC
Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
FT source Location/Qualified'.
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Location/Qualifiers
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Hideki,K. and Senshu,U.
Method for analyzing DNA fragment
Patent: JP 199196874-A 9 27-JUL-1999;
HITACHI LTD
OS Unidentified
PN JP 1999196874-A/9
PD 27-JUL-1999
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/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                 E28098 20 bp
Method for analyzing DNA fragment
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Best Local Similarity 94.73
Matches 18; Conservative
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1 (bases 1 to 18)
Shimada,K.
Shimada,K.
Method of comparison and detection of RNA amount and DNA amount Patent: JP 200133800-A 2 04-DEC-2001;
UNITECH CO LTD
OS Homo sapiens (human)
PN JP 200133800-A/2
PD 04-DEC-2001
PF 30-MAY-2000 JP 2000160324
PI KAORI SHIMADA
PI KAORI SHIMADA
CC C12Q1/68,C12N15/09,G01N33/50,C12N15/00
CC Method of comparison and detection of RNA amount and DNA CC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                BD085545
Method of comparison and detection of RNA amount and DNA amount.
BD085545.1 GI:22631155
JP 2001333800-A/2.
Homo sapiens
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                                                          Gaps
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/organism='Homo sapiens (human)'.
Location/Qualifiers
                          / Match 0.7%; Score 18; DB 1; Length 18; Local Similarity 100.0%; Pred. No. 4.2e+02; hes 18; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                         Unthown.

Unclassified.

1 (bases 1 to 18)

S Keeling, P. and Guan, H.
Starch encapsulation
AL Patent: US 6107060-A 30 22-AUG-2000;
Location/Qualifiers
                                                                                                                                                                                           AR106506 18 bp | 18 bp | Sequence 30 from patent US 6107060. AR106506 | GI:12821036
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18 AAAAAAAAAAAA 1
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Unknown.
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ORGANISM
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AR106506
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Aminooxy-modified nucleoside compound and oligomer compound produced therefrom.
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ACYCLIC LINKER-CONTAINING OLIGONUCLEOTIDES AND USES THEREOF.
DD170602
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C12N15/00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            unidentified
unclassified sequences.
I (bases 1 to 18)
Min,G., Danha,M.J., Viazobukina,E., Mangosu,M.M. and Paniaku,M.A.
ACYCLIC LINKER-CONTAINING OLIGONUCLEOTIDES AND USES THEREOF
PACHIL UNIVERSITY
OS ALTIficial
PN JP 2005508634-A/1
PN JP 2005508634-A/1
PD 07-APR-2005
PF 29-OCT-2002 JP 2003540190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Manoharan, M., Cook, P.D., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified nucleoside compound and oligomer compound
produced therefrom
Patent: JP 2002522447-A 14 23-JUL-2002;
ISIS PHARMACEUTICALS INC
Artificial Sequence
PN JP 2002522447-A/14
PD 23-JUL-2002
PR 03-Aug-1999 JP 2000563675
PR 07-Aug-1999 US 09/130973
PR MYTHIAH MANOHARAN, PHILIP DAN COOK, THAZHA P PRAKASH, ANDREW M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Description of Artificial Sequence: antisense sequence FH Location/Qualifiers
                                                 Gaps
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Location/Qualifiers
Query Match 0.7%; Score 18; DB 1; Length 18; Best Local Similarity 100.0%; Pred. No. 4.2e+02; Matches 18; Conservative 0; Mismatches 0; Indels
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0.7%; Score 18; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 0;
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JP 2002522447-A/14.
synthetic construct
synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 18)
                                                                                         2709 AAAAAAAAAAAAAAAA 2726
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JP 2005508634-A/1.
unidentified
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source

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L28536 18-JUN-2001 NA linear PAT 18-JUN-2001 Method for labeling oligonucleotide and utilization thereof. E28536
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PN JP 1999075880-A/3
PD 23-MAR-1999
PR 10-JUL-1998 JP 1998195719
PR KENICHI HANAKI, HIROSHI YOSHIKURA, WASAHIDE NOZAKI PC C12N15/09, C12Q1/68, G01N33/58, C12N15/00
CC Strandedness: Single,
CC Topology: Linear;
FH Key
Location/Qualifiers
FH Source
/organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   unidentified
unclassified sequences.
unclassified sequences.
Kenichi, H., Hiroshi, Y. and Masahide, N.
Kenichi, H., Hiroshi, Y. and Masahide, N.
Method for labeling oligonucleotide and utilization thereof Patent: JP 1999075880-A 3 13-MAR-1999;
CHEMO SEXO THERAPEUT RES INST
OS Unidentified
PD 23-MAR-1999
PF 10-JUL-1998 JP 1998195719
                                                                                   OS Unidentified
PN JP 1999075880-A/2
PD 23-MAR-1999
PF 10-JUL-1998 UP 1998195719
PR KENICHI HANAKI, HIROSHI YOSHIKURA, MASAHIDE NOZAKI PC C12N15/09, C12Q1/68,G01N33/58,C12N15/00
CC Strandedness: Single,
CC Topology: Linear;
FH Key
Location/Qualifiers
FT source
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             Kenichi, H., Hiroshi, Y. and Masahide, N.
Method for labeling oligonucleotide and utilization thereof
Patent: JP 1999075880-A 2 23-MAR-1999;
CHEMO SERO THERABEUT RES INST
OS Unidentified
PD 23-MAR-1999
PD 23-MAR-1999
PD 10-JUL-1998 JP 1998195719
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Location/Qualifiers
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JP 1999075880-A/3.
unidentified
 (bases 1 to 18)
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Matches 18
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TITLE
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Target RNA oligonucleotide
The type of this sequence is wrong in the original data. It is
automatically modified by the JPO.
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1 (bases 1 to 18)

Min,G., Danha,M.J., Viazobukina,E., Mangosu,M.M. and Paniaku,M.A.

ACYCLIC LINKER-CONTAINING OLIGONUCLEOTIDES AND USES THEREOF

PATENE: JP 2005568634-A 27 07-APR-2005;
29-OCT-2001 US 60/330719
gyon-ryumu min,masado j danha,ekaterina viazobukina,maria m
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Pred. No. 4.2e+02;

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07-APR-2005
29-OCT-2002 JP 2003540190
29-OCT-2001 US 60/33071
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                      mangosu,
michael a paniaku
Oligonucleotide
Key
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JP 2005508634-A/27.
unidentified
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ACCESSION VERSION KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

COMMENT

LOCUS DEFINITION RESULT 574

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VERSION KEYWORDS SOURCE ORGANISM

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Length 18;

PAT 18-DEC-2003

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1 (bases 1 to 18)
Manoharan,M., Cook,P.D., Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified nucleosidic compounds and oligomeric compounds
prepared therefrom
Patent: 195 633962-A 14 28-OCT-2003;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          These I to 18)
Lin,C.-I.P., Wallace,R.B., Cossman,J. and French,C.
Lin,C.-I.P., Wallace,R.B., Cossman,J. and French,C.
Method and formulation for lyophilizing cultured human cells to
preserve RNA and DNA contained in cells for use in molecular
biology experiments
Patent: US 6686460-A 9 03-FEB-2004;
Bio-Rad Laboratories, Inc.; Hercules, CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.7%; Score 18; DB 1; Length 18; Best Local Similarity 100.0%; Pred. No. 4.2e+02; Matches 18; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 4.2e+02;
tive 0; Mismatches 0; Indels
 Molecular indexing for expressed gene analysis Patent: US 5707807-A 16 13-JAN-1998; Location/Qualifiers
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0.7%; Score 18; DB 1; L
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
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Sequence 14 from patent US 6639062.
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Best Local Similarity 100.(
Matches 18; Conservative
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AR412363/c
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AR473365/c
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                                                                                                                                                           Unclassified.

Unclassified.

Li (bases 1 to 18)

Lin,C-I.P., Wallaton for Lyophilizing cultured human cells to preserve RNA and DNA contained in cells for use in molecular biology experiments

Patent: US 641031-A 9 25-JUN-2002;

Bio-Rad Laboratories, Inc.; Hercules, CA

Location/Qualifiers
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Kurz, M., Lohse, P. and Wagner, R.

Peptide acceptor ligation methods

Patent: US 6429300-A 24 06-AUG-2002;

Phylos, Inc., Lexington, MA

Location/Qualifiers
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Matches 18; Conservative 0; Mismatches
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Sequence 16 from patent US 5707807.
1779509 173509.1 GI:3207799
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Sequence 24 from patent US 6429300.
AR222464.1 GI:23329995
                                                 AR215435 18 bp
Sequence 9 from patent US 6410321.
AR215435 GI:23313691
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/organism="unknown"
/mol_type="genomic DNA"
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1 (bases 1 to 18)
Kato, K.
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179509/c
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AR215435/c
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PAT 15-DEC-2004

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Unclassified.

1 (bases 1 to 18)

Brugliera,F., Holton,T.A. and Michael,M.Z.

Nucleic acid sequences encoding flavonoid 3'-hydroxylase and methods of altering flower color therewith

Patent: US 6774285-A 27 10-AUG-2004;

Florigene Limited; Collingwood;
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Chatelain, F. and Kumarev, V.
Chatelain, F. and Kumarev, V.
Apparatus for preparing polynucleotides on a solid support Patent: US 682339-A 12 30-NOV-2004;
Proligo, LLC; Boulder, CO
Location/Qualifiers
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0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 4.2e+02;
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Stanton, L.W. and White, R.T.
Secreted factors
Patent: US 6800455-A 84 05-OCT-2004;
Scios Inc.; Sunnyvale, CA
Location/Qualifiers
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Sequence 12 from patent US 6825339.
AR612296
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Sequence 84 from patent US 6800455.
AR585363
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/organism="unknown"
/mol_type="genomic DNA"

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    /organism="unknown"
    /mol_type="genomic DNA"

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/organism="unknown"
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Thirstrup, K., Warthoe, P. and Pettersson, N.B.
Process for amplifying and labeling single stranded cDNA by 5'
ligated adaptor mediated amplification
Patent: US 6706476-A 7 16-MAR.2004;
Azign Bioscience A/S; Copenhagen;
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Thirstrup, K., Warthoe, P. and Pettersson, N.B.
Process for amplifying and labeling single stranded cDNA by ligated adaptor mediated amplification
Patent: US 6706476-A 6 16-MAR-2004;
Azign Bioscience A/S; Copenhagen;
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Sequence 27 from patent US 6774285.
AR576394
AR576394.1 GI:56578461
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Sequence 6 from patent US 6706476.
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/organism="unknown"
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AR487019.1 GI:47251966
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Protein having hemolytic activity and gene encoding the protein
Patent: US 6855803-A 7 15-FEB-2005;
Suntory Limited; Osaka;
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Chatelain, F. and Kumarev, V.
Apparatus for preparing polynucleotides on a solid support
Patent: 105 (825539-A 18 30-NOV-2004;
Proligo, LLC; Boulder, CO
Location/Qualifiers
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  0.7%; Score 18; DB 1; Length 18;
100.0%; Pred. No. 4.2e+02;
ive 0; Mismatches 0; Indels
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Sequence 18 from patent US 6825339.
AR612299
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Sequence 7 from patent US 6855803.
AR637194 GI:62770682
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Sequence 4 from Patent WO9910527.
AX004875
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/organism="unknown"
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Query Match 0.7%
Best Local Similarity 100.0
Matches 18, Conservative
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AR637194/c
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                                    Bayer, E. and Schewitz, J.
Method for isolating anionic organic substances from aqueous systems using cationic polymer nanoparticles
Patent: WO 9910827-A 4 04-MAR-1999;
SUEDDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (DE)
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Method for isolating anionic organic substances from aqueous systems using cationic polymer nanoparticles
systems using cationic polymer. nanoparticles
Patent: WO 9910277.A 8 04-MAR-1999;
SUEDDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (DE)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db.xef="taxon:32630"
/noTe="2' methyl-modified oligonucleotide"
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Pred. No. 4.2e+02;
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tive 0; Mismatches 0;
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Sequence 8 from Patent WO9910527.
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Sequence 2 from Patent W09967378
AX008117
AX008117.1 GI:9995742
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Patent: WO 9967378-A 7 29-DEC-1999;
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             Antisense oligonucleotide constructs based on beta -arabinofuranose and its analogues
Patent: WO 9967378-A 2 29-DEC-1999;
DAWHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER (CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NOROWHA ANNE M (CA);
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Antisense oligonucleotide constructs based on beta -arabinofuranose
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Patent: WO 9967378-A 3 29-DEC-1999;
DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER
(CA); WILV MCGILL (CA); ARION DOMINIQUE (CA); NORONHA ANNE M (CA);
BORKOW GADI (IL)
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/ative 0; Mismatches 0; Indels
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0.7%; Score 18; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 0;

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/organism="synthetic construct"

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    /organism="synthetic construct"

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synthetic construct
other sequences; artificial sequences.
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/note="Use as an oligomer"
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Sequence 7 from Patent W09967378.
AX008122
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                                                                                                            Location/Qualifiers
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Patent: WO 9967378-A 8 29-DEC-1999;
DAWHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER (CA); UNIV WCGILL (CA); ARION DOMINIQUE (CA); NOROWHA ANNE M (CA);
BORKOW GADI (IL)
Location/Qualifiers
DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER (CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NORONHA ANNE M (CA); BORKOW GADI (IL)
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FLORIGENE LIMITED (AU); BRUGLIERA FILIPPA (AU); HOLTON TIMOTHY
ALBERT (AU); MICHAEL MICHAEL ZENON (AU)
LOCATION/QUALITIES
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Genetic sequences encoding flavonoid pathway enzymes and uses
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Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 0;
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/organism="synthetic constr
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/db xref="taxon:32630"
/noFe="Use as an oligomer"
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Sequence 27 from Patent WO9732023.
AX028843
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Sequence 8 from Patent WO9967378.
AX008123
                                                                                      Location/Qualifiers
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DEFINITION ACCESSION VERSION KEYWORDS

RESULT 596

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0.7%; Score 18; DB 1; Length 18;
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DEFINITION ACCESSION VERSION KEYWORDS

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RESULT 597

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Immunostimulatory nucleic acids
Patent: WO 0122972-A 939 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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imunostimulacory nuclei acide
Patent: WO 0122972-A 31 05-ARR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
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Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 0;
  100.0%; Pred. No. 4.2e+02; rative 0; Mismatches 0;
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/mol_type="unassigned DNA"
/db_kref="taxon:32630"
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Sequence 913 from Patent WO0122972.
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  Best Local Similarity 100.
Matches 18; Conservative
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AX105651/c
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AX104721/c
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Gumblowski, K. and Zulauf, M.
High density labeling of dna with modified or chromophore carrying nucleotides and dna polymerases used
Patent: WO 006422-A 21 16-NOV-2000;
Roche Diagnostics GmbH (DE)
Location/Qualifiers
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High density labeling of dna with modified or chromophore carrying nucleotides and dna polymerases used
nucleotides and dna polymerases used
Parent: WO 006422-A 23 16-NOV-2000;
Roche Diagnostics GmbH (DE)
Location/Qualifiers
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/mol_txpe="taxon:32630"
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1. .18
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Sequence 21 from Patent W00068422.
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Sequence 23 from Patent W00068422.
AX047273 GI:11876553
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synthetic construct
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PAT 06-FEB-2002

AUTHORS REFERENCE

SOURCE

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent: WO 0197843-A 837 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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0.7%; Score 18; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 0;
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/note="Synthetic Sequence"
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Sequence 913 from Patent WO02053141.
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AX547774/c
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Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 0;
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other sequences; artificial sequences.
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Patent: WO 0123564-A 10 05-APR-2001;
Scios Inc. (US)
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Differentially expressed genes
Patent: WO 0123419-A 10 05-APR-2001;
SCIOS INC. (US)
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Secreted factors
Patent: WO 0174901-A 84 11-OCT-2001;
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Sequence 10 from Patent WO0123419.
AX108642
AX108642.1 GI:13923875
Sequence 10 from Patent W00123564.
AX105651
AX105651.1 GI:13921674
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Sequence 84 from Patent W00174901.
AX268883
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AX108642/c
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Jamba,M.J. and Parniak,M.A.
Oligonucleotides comprising alternating segments and uses thereof
Patent: WO 03064441-A 8 07-AUG-2003;
MCGILL UNIVERSITY (CA)
Location/Qualifiers
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Disponucleotides comprising alternating segments and uses thereof
Patent: WO 0306441.A 9 07-AUG-2003;
MCGILL UNIVERSITY (CA)
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/note="Residues 1, 3, 5, 7, 9, 11, 13, 15 and 17 are
2'-O-methyl-D-uridi ne"
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0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels
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/note="Residues 1-3, 7-9, and 13-15 are
2'-0-methyl-D-uridine"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/noTe="Oligonucleotide"
                                                                                                                                                                                                                                                     /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/nore="0ligonucleotide"
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synthetic construct
other sequences; artificial sequences.
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Sequence 9 from Patent WO03064411.
AX814724
Sequence 8 from Patent WO03064441.
AX814723
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                                     AX814723.1 GI:39103922
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Oligonuclectides comprising alternating segments and uses thereof
Patent: Wo 03064491-A 1 07-AUG-2003;
McGILL UNIVERSITY (CA)
Location/Qualifiers
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Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 939 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
1. .18
/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
/noTes="Synthetic Sequence"
     100.0%; Pred. No. 4.2e+02; tive 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"
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Sequence 939 from Patent W002053141.
AX547800
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other sequences; artificial sequences.
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Sequence 1 from Patent WO03064441.
AX814716
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     Best Local Similarity 100.0
Matches 18; Conservative
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AX814716/c LOCUS

RESULT 606

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Oligonucleotides comprising alternating segments and uses thereof
Patent: WO 03064441-A 21 07-AUG-2003;
McGILL UNIVERSITY (CA)
Location/Qualifiers
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Sukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, eudicotyledons, core eudicotyledons,
asterids, lamids, Solanales, Solanaceae, Nicotiana.
                                            Damha,M.J. and Parniak,M.A.
Digonucleotides comprising alternating segments and uses thereof
Patent: WO 03064411-A 10 07-AUG-2003;
MCGILL UNIVERSITY (CA)
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Nicotiana nucleic acid molecules and uses thereof
Patent: WO 2005111217-A 2260 24-NOV-2005;
U.S. Smokeless Tobacco Company (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Target RNA oligonucleotide"
                                                                                                                           // organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"
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synthetic construct
other sequences; artificial sequences.
              other sequences; artificial sequences.
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Patent: US 6946251-A 22 20-SEP-2005;
NuGEN Technologies, Inc.; San Carlos, CA
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 18; Conservative 0; Mismatches 0;
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I (bases 1 to 19)
Manoharan,M., Cook,P.D. and Guinosso,C.J.
Modified oligonucleotides
Parent: US 663458-A 7 25-NOV-2003;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
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    .19
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Sequence 22 from patent US 6946251.
AR720125
                                                                                               /note="n = a, t, c, or g"
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Sequence 7 from patent US 6653458.
AR432617
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Lipoveek, D.

Protein skeleton of antibody mimetics and other binding proteins
Protein skeleton of antibody mimetics and other binding proteins
Protein skeleton of antibody mimetics and other binding proteins
Protein Sequence

BY 2002532072-A/14

DO 3. Artificial Sequence

PRO 9-DEC-1999 JP 2000587187

PR 10-DEC-1998 US 60/111737

PR 10-DEC-1998 US 60/111737
                                                                                  BD234126 20 bp DNA linear PAT 17-JUL-2003 Protein skeleton of antibody mimetics and other binding proteins.
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 25 04-SEP-2003;
Degussa Bloactives GmbH (DE)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
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/mod_base=OTHER
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Key Location/Qualifiers
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/organism="synthetic construct"
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JP 2002532072-A/14.
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coher sequences; artificial sequences.
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Query Match 0.7%; Score 18; DB 1; Length 21; Best Local Similarity 100.0%; Pred. No. 4.7e+02; Matches 18; Conservative 0; Mismatches 0; Indels
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 41 04 SEP-2003;
Degussa Bloactives GmbH (DE)
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/note= Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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/noTe="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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Sequence 41 from Patent WO03072818.
AX825143
                                                                                                            'bound_moiety="Biotin"
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 27 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
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/db xrefe="taxon:32630"
/noTe="Beschreibung der kuenstlichen
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Sequence 27 from Patent WO03072818.
AX825129
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PAT 11-DEC-2003

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0.7%; Score 18; DB 1; Length 21;
100.0%; Pred. No. 4.7e+02;
tive 0; Mismatches 0; Indels
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                                                                   Boekenkamp, D., Dieck, T.H. and Hoppe, H.U.
Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 43 04-SEP-2003;
Degussa Bicactives GmbH (DE)
Location/Qualifiers
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 44 04-SEP-2003;
Degussa Bioactives GmbH (DE)
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Sequenz:Capture-Oligonukleotid"
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|noTe="Beschreibung der kuenstlichen
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other sequences, artificial sequences.
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Sequence 44 from Patent W003072818.
AX825146.1 GI:39750875
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0.7%; Score 18; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 0; Indels
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Method for sorting single-stranded nucleic acids
Patent: WO 03072518-A 4 04-SEP-2003;
Degussa Bioactives GmbH (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="synthetic construct"
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/mod_base=OTHER
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Sequence 43 from Patent WO03072818.
AX825145.
AX825145.1 GI:39750874
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Sequence 42 from Patent WO03072818.
AX825144
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KEYWORDS SOURCE ORGANISM

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PAT 11-DEC-2003

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PAT 06-FEB-1997

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Unknow...
Unclassified.
1 (bases 1 to 22)
Torrence,P., Silverman,R., Maitra,R. and Lesiak,K.
Torrence of cleaving specific strands of RNA
Method of cleaving specific strands of RNA
Patent: US 5583032-A 2 10-DEC-1996;
Locaion/Qualifiers
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Unclassfiled.
1 (bases 1 to 22)
Torrence, P., Silverman, R., Maitra, R. and Lesiak, K.
Torrence of cleaving specific strands of RNA
Method of cleaving specific strands of RNA
Patent: US 5583032-A 1 10-DEC-1996;
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26940ence 1 from patent US 5677289.
169407.1 GI:2831529
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Sequence 1 from patent US 5583032.
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Sequence 2 from patent US 5583032.
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Unclassified.
I (bases I to 22)
Torrence, P. Y. Silverman, R.H., Maitra, R.K. and Lesiak, K. Chimeric molecules targeted to viral RNAs
Patent: US 6271369-A 2 07-AUG-2001;
Location/Qualifiers
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Torrence, P.F., Silverman, R.H., Maitra, R.K. and Lesiak, K. Chimeric molecules targeted to viral RNAs Patent: US 6271369-A 1 07-AUG-2001;
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Pred. No. 4.8e+02;
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Sequence 1 from patent US 6271369.
ARI64318
ARI64318.1 GI:16235432
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Sequence 2 from patent US 6271369.
AR164319
                                           /note="LNA-T (Locked
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1 (bases 1 to 22)
Dorrence,P., Silverman,R., Maitra,R. and Lesiak,K.
Method of cleaving specific strands of RNA and medical treatments
thereby
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I (bases 1 to 22)
Torrence P. Sllverman, R., Maitra, R. and Lesiak, K.
Method of cleaving specific strands of RNA and medical treatments
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Method for the detection of cytosine methylations
Patent: WO 0231186-A 21 18-APR-2002;
Epigenomics AG (DE)
Location/Qualifiers
                                                                                                                                       Query Match 0.7%; Score 18; DB 1; Length 22; Best Local Similarity 100.0%; Pred. No. 4.8e+02; Matches 18; Conservative 0; Mismatches 0; Indels
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other sequences, artificial sequences.
                                                    Patent: US 5677289-A 1 14-OCT-1997;
Location/Qualifiers
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/organism="unknown"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 2 from patent US 5677289.
169408
169408.1 GI:2831530
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Sequence 21 from Patent WO0231186.
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Emrich, T. and Leying, H.
METHOD TO EDETCTING TELOMERASE ACTIVITY
PATCH: WO 9720069-A 6 05-JUN-1997;
BOEHRINGER MANNHEIM GMBH (DE); EMRICH THOMAS (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           M Unknown.
Unclassified.
3 I (bases 1 to 19)
5 Emrich.T., Leying.H., Hinzpeter,M. and Karl,G.
Method of detecting telomerase activity
AL Patent: US 6221584-A 6 24-APR-2001;
Location/Qualifiers
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Best Local Similarity 94.4%; Pred. No. 4.7e+02;
Matches 17; Conservative 1; Mismatches 0;
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"

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/mol__type="unassigned DNA"
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Sequence 6 from patent US 6221584.
AR147331
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Sequence 6 from Patent WO9720069.
A79657
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WO 0222683-A/2.
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Best Local Similarity 94.7
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WO 0222683-A/3.
Synthetic construct
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other sequences; artificial sequences.
1 (bases 1 to 20)
Watarai,H., Yamaguchi,Y., Hinohara,A., Nakagawa,R., Ehara,H. and
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KIRIN BREWERY CO LTD, HIROSHI WATARAI, YASUNORI YAWAGUCHI, ATSUSHI HINOHARA, RYUSUKE NAKAGAWA, HIROMI BHARA, NAOSHI IWAI OS Artificial Sequence
PN WO 0222683-A/3
PD 21-MAR-2002
                                                                               Imai, N.

Novel dendritic cell membrane molecule and use thereof
Patent: WO 02226813- 21-MAZ-2002.
KIRIN BREWERY CO LTD, HIROSHI WATARA, YASUNORI YAMAGUCHI, ATSUSHI
HINOHARA, RYUSUKE NAKAGAWA, HIROMI EHARA, NAOSHI IMAI
OS Artificial Sequence
PN WO 0222683-A/2
PD 21-MAR-2002
PF 12-SEP-2001 WO 2001JP007919
PR 12-SEP-2000 JP 00P 277352
PR 112-SEP-2000 JP 00P 277352
PI HIROSHI WATARAI, YASUNORI YAMAGUCHI, ATSUSHI HINOHARA, RYUSUKE
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12-SEP-2000 JP 00P 277352
HIROSHI WATARAI, YASUNORI YAMAGUCHI, ATSUSHI HINOHARA, RYUSUKE
NAKAGAWA,
                      1 (bases 1 to 20)
Watarai,H., Yamaguchi,Y., Hinohara,A., Nakagawa,R., Ehara,H. and
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PN WO 02220C.

PN WO 02220C.

PN 12-SEP-2001 WO 2001JPUC.

PR 12-SEP-2001 WO 201JPUC.

PI HIROSHI WATARAI,YASUNORI YAMAGUCHI,ALC.

PI HIROSHI EHARA,NAOSHI IMAI

PC CO7K14/47,C12N15/12,C07K16/18,C12N5/08,G01N33/53 CC

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PN WO 0222683-A/2
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PF 12-SEP-2000 WO 2001JP007919
PR 12-SEP-2000 JP 00P 277352
PI HIROSHI WATARAI, YASUNORI YAMAGUCHI, ATSUSHI HINOHARA, PI HIROMI EHARA, NAOSHI IMAI
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'organism='Artificial Sequence'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 20)
Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.H.
epetide nucleic acids
Patent: US 6395474-A 4 28-MAY-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1; Indels
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                                                                                                                                                                               linear
                Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 17.4; DB 1;
Pred. No. 5e+02;
                1;
                                                                                                                                                                                                                                                                                                 other sequences; artificial sequences.

1 (bases 1 to 20)
Hirose,K. and Yoshida,T.
Hirose,K. and Yoshida,T.
Method for purifying oligonucleotide
Patent: JP 2000342265-A 9 12-DEC-2000;
TOAGOSEI CHEM IND CO LTD
OS Artificial Sequence
PN JP 2000342265-A/9
PD J2-DEC-2000
PF 02-JUN-1999 JP 1999154974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers

    .20
    forganism="synthetic construct"
|mol type="genomic DNA"
|db_xref="taxon:32630"

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94.7%; Pred. No. 5e+02;
tive 0; Mismatches
                                                                                                                                                                             E59328 20 bp DNA
Method for purifying oligonucleotide.
E59328 E59328.1 GI:18622505
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Best Local Similarity 94.7%; Pred. No. 5e+0
Matches 18; Conservative 0; Mismatches
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6395474.
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C12N15/09, B01D15/08, C12N15/00
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/organism="unknown"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Location/Qualifiers
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                                                  2094 ACCCCGTGCTGCAGCAGCA 2112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 4 from patent US
AR371268
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                                                                          20 ACCCCGTGCTGCAGCAGGA 2
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                                                                                                                                                                                                                                              JP 2000342265-A/9.
synthetic construct
synthetic construct
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PAT 17-0CT-2001

KEYWORDS SOURCE ORGANISM

ACCESSION VERSION

RESULT 636 AR489489 DEFINITION

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source

TITLE JOURNAL FEATURES

REFERENCE AUTHORS

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(bases 1 to 19)
Weinstein,J.N. and Buolamwini,J.
Restriction display (RD-PCR) of differentially expressed mRNAs Patent: US 6270986-A 1 07-AUG-2001;
Location/Qualifiers

    .19
/organism='Artificial sequences'.

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                                                                                                Length 21;
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                                                                                                Query Match 0.6%; Score 17.4; DB 1; Best Local Similarity 94.7%; Pred. No. 5.2e+02; Matches 18; Conservative 0; Mismatches 1;
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1 (bases 1 to 19)
1 (bases 1 to 19)
2 Takagi,S. and Kamioka,S.
DETERNINATION OF CDNA
Patent: JP 1994303997-A 2 01-NOV-1994;
NIPPON TELEGR & TELEPH CORP <NTT>
OS
OC Artificial sequences.
PN JP 1994303997-A/2
PP 16-APR-1993 JP 1993112515
PP 16-APR-1993 JP 1993112515
PP 17AKAGI SHIGERU, KAMIOKA SUKEYUKI
PP 17AKAGI SHIGERU, KAMIOKA SUKEYUKI
PP 17AKAGI SHIGERU, RAMIOKA SUKEYUKI
CC C12Q1/68,C12N15/10;
CC anti-sense: Yes, Linear;
CC topology: Linear;
CC anti-sense: Yes, Location/Qualifiers
FH Key
PH 1. 19
FT SOURCE | 1. 19
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                                                                                                                                                                                                                                                                                          DNA
                                             /organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="unknown"
/mol_type="unassigned DNA"
Patent: US 5989914-A 6 23-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                   Sequence 1 from patent US 6270966.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Reverse transcription primer.
                                                                                                                                                                   275 ATTGAGGAATTTGGGGAGG 293
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JP 1994303997-A/2.
unidentified
unidentified
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Best Local Similarity 94.4
Matches 17; Conservative
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Unclassified.
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AUTHORS
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KEYWORDS
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                                                                                                    PAT 15-MAY-2004
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Gagne,M., Sirard,M.-A. and Pothier,F.
Integration cassette for improvement of transgenesis in eukaryotes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (Dases 1 to 20)
Buchardt,O., Buchardt,D., Egholm,M., Nielsen,P.E. and Berg,R.H.
Synthetic procedures for peptide nucleic acids
Patent: US 6713602-A 4 30-MAR-2004;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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0.6%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                     [ (bases 1 to 20)
Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.H.
Peptide nucleic acid synthons
Patent: US 6710163-A 4 23-WAR-2004;
Location/Qualifiers
                                                                                                      linear
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Sequence 4 from patent US 6713602.
AR491100.1 GI:47258960
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Sequence 6 from patent US 5989914.
AR088657
AR088657.1 GI:10015421
                                                                                             20 bp
Sequence 4 from patent US 6710163.
AR489489
AR489489.1 GI:47256514
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/mol_type="genomic DNA"

    .20
    /organism="unknown"
    /mol_type="genomic DNA"

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1 AAAAAGAAAAAAAAAAA 19
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Unknown.
Unclassified.
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Unclassified.
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KEYWORDS SOURCE ORGANISM

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RESULT 637

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FEATURES

AUTHORS TITLE JOURNAL

REFERENCE

AR088657/c LOCUS

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DEFINITION

ACCESSION VERSION KEYWORDS

ORGANISM

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AUTHORS TITLE

REFERENCE

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Gaps

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PAT 29-SEP-1997

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synthetic construct
synthetic construct
other sequences,
1 (bases 1 to 17)
Holton, T.A., Cornish, B.C., Kovacic, F., Tanaka, Y. and Lester, D.R.
Genetic sequences encoding flavonoid pathway enzymes and uses
                                                                                                                                                                                                                 10.21
/organism='Artificial sequences'.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                  Query Match 0.6%; Score 17.2; DB 1; Length 21; Best Local Similarity 94.4%; Pred. No. 5.4e+02; Matches 17; Conservative 1; Mismatches 0; Indels
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100.0%; Pred. No. 4.8e+02;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent: EP 0522880-A 16 13-JAN-1993;
INTERNATIONAL FLOWER DEVELOPMENTS Pty. Ltd
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     אטס 17 bp DNA
primer sequence 4 from patent EP0522880.
A28997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="synthetic construct"
/mol_type="unassigned DNA"
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                                                                                                                                                                                         Location/Qualifiers
    Patent: JP 1994303997-A 4 01-NOV-1994;
NIPPON TELEGR & TELEPH CORP <NTT>
                                                         JP 1994303997-A/4
01-NOV-1994
16-APR-1993 JP 1933112515
TAKAGI SHIGERU, KAMIOKA SUKEYUKI
C12Q1/68,C12N15/10,
strandedness: Single;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AR104585 17 bp DP
Sequence 132 from patent US 6093809.
AR104585
                                                                                                                                                                                                                                                             1. .21
/organism="unidentified"
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                                               Artificial sequences
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                                                                                                                                              topology: Linear;
hypothetical: No;
anti-sense: Yes;
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Best Local Similarity 100.
Matches 17; Conservative
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AR104585/c
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ORGANISM
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A28997/c
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TITLE
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Location/Qualifiers
                                                                                   Ouery Match 0.6%; Score 17.2; DB 1; Length 19; Best Local Similarity 94.4%; Pred. No. 5e+02; Matches 17; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.6%; Score 17.2; DB 1; Length 20; Best Local Similarity 94.4%; Pred. No. 5.2e+02; Matches 17; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                               linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Artificial sequences.
JP 1994303997-A/3
01-NOV-1993
16-APR-1993 JP 1993112515
TAKAGI SHIGERU, KAMIOKA SUKEYUKI
C12Q1/68,C12N15/10;
strandedness: Single;
                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 20)
Takaqi,S. and Kamioka,S.
DETERMINATION OF CDMA
Patent: JP 1994303997-A 3 01-NOV-1994;
NIPPON TELEGR & TELEPH CORP <NTT>
                                                                                                                                                                                                                                               DNA
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                1. .19
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    .20
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E08332
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E08333
E08333.1 GI:2176450
 Location/Qualifiers
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unclassified sequences.
1 (bases 1 to 21)
Takagi,S. and Kamioka,S.
DETERMINATION OF CDNA
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                                                                                                                                                                                                                                                                                                                                  unidentified unclassified sequences.
                                                                                                                                                                       18 BAAAAAAAAAAAAA 1
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hypothetical: No;
anti-sense: Yes;
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JP 1994303997-A/3.
unidentified
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E08333/c
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PAT 14-FEB-2001

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Sampson, J.R.
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CS256602
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Manoharan, M. and Maier, M.A.
Compounds, processes and intermediates for synthesis of mixed
backbone oligomeric compounds
Patent: Us 5207819-A 5 27-MAR-2001;
Location/Qualifiers
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Cech, T.R. and Nakamura, T.
Telomerase
Patent: 18 6 3199867-A 132 30-OCT-2001,
Location/Qualifiers
1 (bases 1 to 17)
Cech, T.R. and Lingner, J.
Telomerase
Patent: US 6093809-A 132 25-JUL-2000;
Location/Qualifiers
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Sequence 132 from patent US 6309867.
AR175846.
AR175846.1 GI:17917145
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/wol_type="unassigned DNA"
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Sequence 5 from patent US 6207819.
AR141074
AR141074.1 GI:14483570
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AR175846/c
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RESULT 649
DD170603/C DD170603
DD170603 ACYCLIC LINKER-CONTAINING OLIGONUCLEOTIDES AND USES THEREOF.
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Organism=synthetic construct"

/mol_type="unassigned DNA"

/db_xref="texon:32630"

/note="Description of Artificial Sequence: Anneal Primer"
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Patent: EP 1624059-A 16 08-FEB-2006;
Agilent Technologies, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                          Krieg, A.M.
Immunostimulatory nucleic acids for inducing il-10 responses
Patent: WO 2005111057-A 43 24-NOV-2005;
Coley Pharmaceutical GmbH (DE); Coley Pharmaceutical Group, Inc. (US)
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/organism="synthetic construct"
/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide"
1..17
/note="where the linkages between bases are phosphorothioate linkages"
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Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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CS223644 17 bp DNA Sequence 43 from Patent WO2005111057.
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synthetic construct
other sequences; artificial sequences.
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Sequence 16 from Patent EP1624059.
CS256602
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synthetic construct
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AR236087.1 GI:27279786
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AR592720/c
                                    ORGANISM
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                                                                                Min,G., Danha,M.J., Viazobukina,E., Mangosu,M.M. and Paniaku,M.A.,
SCYCLIC LINKER-CONTAINING OLIGONUCLEOTIDES AND USES THEREOF
Patent: JP 2005508634-A 2 07-APR-2005;
MCGILL UNIVERSITY
                                                                                                                                                                                            gyon-ryumu min, masado j danha, ekaterina viazobukina, maria m
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trive 0; Mismatches 0;
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Kurz,M., Lohse,P. and Wagner,R.
Peptide acceptor ligation methods
Patent: US 6429300-A 23 06-AUG-2002;
Phylos, Inc.; Lexington, MA
Location/Qualifiers

    17
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/db_xref="taxon:32644"

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Sequence 5 from patent US 6462184.
AR236087
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/organism="unknown"
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29-OCT-2001 US 60/33071
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           DD170603.1 GI:83956570
JP 2005508634-A/2.
                                                           unclassified sequences.
1 (bases 1 to 17)
                                                                                                                                 Artificial
JP 2005508634-A/2
07-APR-2005
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Best Local Similarity 100.
Matches 17; Conservative
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AR236087/c
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1 (Dases 1 to 17)
1 (Cabses 1 to 17)
1 (Cabses 1 to 17)
1 (Cach T.R., Lingner, J., Nakamura, T., Chapman, K.B., Morin, G.B.,
1 Harley, C. and Andrews, W.H.
Method for detecting polynucleotides encoding telomerase
Patent: US 6808880-A 132 26-OCT-2004,
Geron Corporation and Regents of the University of Colorado; Menlo
Park, CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PAT 20-SEP-2005
Manoharan, M. and Maier, M.A.

Compounds, processes and intermediates for synthesis of mixed backbone oligomeric compounds

Patent: US 6462104-A 5 08-0CT--2002;

ISIS Pharmaceuticals, Inc.; Carlsbad, CA

Location/Qualifiers
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1 '(bases 1 to 17)
Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B.,
Harley,C.B. and Andrews,W.H.
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Patent: US 6921664-A 132 26-JUL-2005;
Regents of the University of Colorado and Geron Corporation;
Boulder, CO
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Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 0;
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0.6%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 0;
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Sequence 132 from patent US 6808880.
AR$92720.
AR$92720.1 GI:56641440
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Seguence 132 from patent US 6921664.
AR700482

    .17
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    /mol_type="genomic DNA"

                                                                                                                                                                                          /organism="unknown"
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ORGANISM

SOURCE

AUTHORS

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TITLE

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Gaps

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PAT 08-MAY-2003

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
                                                                                                                                                                                                                                                                                                    Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                  Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
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AX757211
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03040369-A 532 15-WAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                 Sequence 352 from Patent W003025175. AX728718
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Mismatches
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines WO 03004526-A 1204 16-JAN-2003;
Molecular Engines Laboratories (FR)

Location/Qualifiers

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/organism="Homo sapiens"
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Geron Corporation and University Technology Corporation; Menlo
Park, CA
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1 (bases 1 to 17)
Cech.T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B.,
Harley,C.B. and Andrews,W.H.
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Matches 17; Conservative 0; Mismatches 0;
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Matches 17; Conservative 0; Mismatches 0;
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Sequence 1204 from Patent WO03004526.
AX672759
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Seguence 132 from patent US 6927285.
AR703785
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/db_xref="taxon:9606"
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/mol_type="genomic DNA"
                      1. .17
/organism="unknown"
/mol_type="genomic DNA"
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SOURCE

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                                      18 bp DNA linear PAT 17-JUL-2003
Secretory proteins and polynucleotides encoding the same.
BD190553. GI:33000292
JP 2002515753-A/12.
                                                                                                                                                                                                                                  Jacobs, K., Mccoy, J.M., Lavallie, E.R., Racie, L.A., Merberg, D., Jacobs, K., Mccoy, J.M., Isvallie, E.R., Racie, L.A., Merberg, D., Jacobs, K., Mccoy, J.M., and Agostino, M.J. Secretory proteins and polymucleotides encoding the same Patent: JP 2002515753-A 12 28-MAY-2002; GENETICS INSTITUTE INC PN JP 2002515753-A/12 PD 28-MAY-2002 PF 31-OCT-1997 JP 1998521609 PR 01-NOV-1996 US 08/724973 PI KENNETH JACOBS, JOHN M MCCOY, EDWARD R LAVALLIE, LISA A RACIE, PI DAVID MERBERG,
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CIZNI5/09, CO7K14/47, CO7K16/18, CIZNI/19, CIZNI/21, CIZNS/10, PC
                                                                                                                                                                             Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Euarchontoglires, Glires, Rodentia,
Sciurognathi, Muroidea, Muridae, Murinae.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                other sequences; artificial sequences.

1 (bases 1 to 18)
Jun, N., Yusuke, N. and Toshihiro, T.
Mammal-derived tissue specific physiologically active protein Patent: JP 2000037190-A 10 08-FEB-2000;
JAPAN TOBACCO INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                         PI MAURICE TREACY, VIKKI SPAULDING, MICHAEL J AGOSTINO PC C12N15/12, C12N5/10, C07K14/47, C12Q1/68, A61K38/17 CC Stranbouble; CC Topology: Linear:
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C12N5/00,C12N15/00,(C12N5/00,C12R1:91)
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JP 2000037190-A/10
08-FEB-2000
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PN JP 20
PD 09-FD
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PC C12P2
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Brugliera,F., Holton,T.A. and Michael,M.Z.
Nucleic acid sequences encoding flavonoid 3'-hydroxylase and methods of altering flower color therewith Patent: US 6774285-A 29 10-AUG-2004;
Florigene Limited; Collingwood;
WOX;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unclassified.

1 (bases 1 to 18)

Brugliera, F., Holton, T.A. and Michael, M.Z.

Nucleic acid sequences encoding flavonoid 3'-hydroxylase and methods of altering flower color therewith

Patent: US 6774285-A 28 10-AUG-2004;

Florigene Limited; Collingwood;
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100.0%; Pred. No. 5e+02;
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                                                                         /organism="synthetic construct"
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/db_xref="taxon:32630"
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AR576396
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Sequence 28 from patent US 6774285.
AR576395
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/mol_type="genomic DNA"
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/organism="unknown"
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17 AAAAAAAAAAAAAAA
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Matches 17; Conservative
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RESULT 662 AX028844/c

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other sequences, artificial sequences.

CE 1 (bases 1 to 20)

RS Tanga, M., Okamura, H. and Takahashi, K.

Method for carrying out thermal cycle of PCR using DNA-immobilized substrate

AL P 2002191369-A 1 09-JUL-2002;

TOYO KOHAN CO LTD, KOJIRO TAKAHASHI

OS Attificial Sequence

PN JP 2002191369-A/1

PD 09-JUL-2002

PF 27-DEC-2000 JP 2000399573

PI MICHIFUNI TANGA, HIROSHI OKAMURA, KOJIRO TAKAHASHI PC

CI2NIS/09, C12NIS/09, C12Q1/68, C12NIS/00, C12NIS/00 CC

CATTYING OUT thermal cycle of PCR using DNA- CC

immobilized
  bDl61924 20 bp DNA linear PAT 17-JAN-2003 Method for carrying out thermal cycle of PCR using DNA-1mmobilized substrate.
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Methods of diagnosis and treatment for asthma based on haplotype association
Patent: Woo 005007144-A 3215 27-JAN-2005;
Decode Genetics EHF. (IS)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 0;

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    /db_xref="taxon:32630"

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    .21
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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JP 2002191369-A/1.
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FLORIGENE LIMITED (AU); BRUGLIERA FILIPPA (AU); HOLTON TIMOTHY
ALBERT (AU); MICHAEL ZENON (AU)
LOCATION/QUALIFIERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent: WO 9732023-A 29 04-SEP-1997;
FLORIGENE LIMITED (AU); BRUGLIERA FILIPPA (AU); HOLTON TIMOTHY
ALBERT (AU); MICHAEL MICHAEL ZENON (AU)
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Genetic sequences encoding flavonoid pathway enzymes and uses
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="synthetic construct"
|mol_type="unassigned DNA"
|db_xref="taxon:32630"
|noFe="Oligonucleotide"
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synthetic construct
other sequences; artificial sequences.
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Matches 17; Conservative 0; Mismatches
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Sequence 28 from Patent WO9732023.
AX028844
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PAT 20-JUN-2002
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Description of Artificial Sequence: Double-stranded product
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1 (Dases 1 to 18)

1 (Dases 1 to 18)

Kaufman,J.C., Roth,M.E., Lizardi,P.M., Feng,L. and Latimer,D.R.

Binary encoded sequence tags

Patent: US 6383754-A 6 07-MAY-2002;

Location/Qualifiers
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1 (bases 1 to 18)

Kaufman,J.C., Roth,M.E., Lizardi,P.M., Feng,L. and Latimer,D.R.
Binary encoded sequence tags
Patent: US 6383754-A 7 07-MAY-2002;
                                                                                                                                                                                                                                                                                                                                                             Query Match 0.6%; Score 16.4; DB 1; Length 18; Best Local Similarity 94.4%; Pred. No. 5.5e+02; Matches 17; Conservative 0; Mismatches 1; Indels
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Sequence 6 from patent US 6383754.
AR208426
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AR208427/c
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Antisense modulation of protein phosphatase 2 catalytic subunit
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Patent: WO 0100669-A 57 04-JAN-2001;
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0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="teaxon:32630"
/noTe="oligonucleotide BAP28polyTcourt"
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Patent: US 6602713-A 100 05-AUG-2003;
ISIS Pharmaceuticals, Inc.; Carlsbad, CA
Location/Qualifiers
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synthetic construct
other sequences; artificial sequences.
                                                                        20 bp DN Sequence 100 from patent US 6602713. AR373530. GI:40075659
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Sequence 57 from Patent WO0100669.
AX067205
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/organism="unknown"
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AX067205/c LOCUS DEFINITION

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ò a VERSION KEYWORDS SOURCE . ORGANISM

AUTHORS JOURNAL

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Kaufman,J.C., Roth,M.E., Lizardi,P.M., Feng,L. and Latimer,D.R. Binary encoded sequence tags
Patent: WO 0112855-A 7 22-FEB-2001;
YALE UNIVERSITY (US)
                                                                                                                                                           Kaufman,J.C., Roth,M.E., Lizardi,P.M., Feng,L. and Latimer,D.R. Binary encoded sequence tags
Patent: WO 0112855-A 6 22-FEB-2001;
YALE UNIVERSITY (US)
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/noTe="Primer"
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other sequences; artificial sequences.
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Sequence 18 from Patent W00208461.
AX361600.1 GI:18694219
          Sequence 6 from Patent W00112855.
AX085252
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Sequence 7 from Patent W00112855.
AX08553 AX08521. GI:13275311
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AX361600/c
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Kaufman, J.C., Roth, M.B., Lizardi, P.M., Feng, L. and Latimer, D.R.
Binary encoded sequence tags
Parent: US 6713886-A 6 10-AUG-2004;
Yale University and Agilix Corporation; New Haven, CT
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unclassified.

1 (bases 1 to 18)
Kaufman,J.C., Roth,M.E., Lizardi,P.M., Feng,L. and Latimer,D.R.
Binary encoded sequence tags
Patent: US 6773886-A 7 10-AUG-2004;
Yale University and Agilix Corporation; New Haven, CT
Location/Qualifiers
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94.4%; Pred. No. 5.5e+02;
ative 0; Mismatches 1;

    .18
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Sequence 7 from patent US 6773886.
AR575575 GI:56576719
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Location/Qualifiers
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Best Local Similarity 94.41
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AR575575/c
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AR575574/c
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Length 18;

PAT 09-MAR-2001

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PAT 15-FEB-2002

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/db_xref="taxon:32630"
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CQ965686/c
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CS063697/c
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/mol type="unassigned DNA"
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/note="Description of Artificial Sequence: Double-stranded
product DNA"
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Why interference mediated inhibition of MAP kinase gene expression using short interfering nucleic acid (siNA)
Patent: WO 2004097020-A 163 11-NOV-2004;
Sirna Therapeutics, Inc. (US)
Location/Qualifiers
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 expression analysis
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                                                             1. .18
/organism="synthetic construct"
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0.6%; Score 16.4; DB 1;
Best Local Similarity 94.4%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 1;
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0.6%; Score 16.4; DB 1;
Best Local Similarity 94.4%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 1;
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CQ965523.
CQ965523.1 GI:56563309
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              Patent: WO 0208461-A 18 31-JAN-2002, Global Genomics AB (SE) Location/Qualifiers
                                                                                                                                                                                                                                                                                                                  Sequence 18 from Patent WO03064691.
   method and an algorithm for
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RNA interference mediated inhibition of MAP kinase gene expression using short interfering nucleic acid (siNA) patent: WO 2004097020-A 326 11-NOV-2004;
Sirna Therapeutics, Inc. (US)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db xref="taxon:32630"
/note="Description of Artificial Sequence: siNA antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mcswiggen, J., Beigelman, L., Usman, N., Haeberli, P., Chowrira, B. and
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/note="Description of Artificial Sequence: Target sequence/slNA sense region"
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Diagnostics and therapeutics for diseases
coupled receptor adipor1)
Patent: WO 2005031346-A 4 07-APR-2005,
Bayer HealthCare AG (DE)
                                                                     Query Match 0.6%; Score 16.4; DB 1; Best Local Similarity 94.4%; Pred. No. 5.7e+02; Matches 17; Conservative 0; Mismatches 1;
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0.6%; Score 16.4; DB 1;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1;
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Sequence 326 from Patent WO2004097020.
CQ956586
CQ96586.1 GI:56563472
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synthetic construct
other sequences, artificial sequences.
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CS063697
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/db_xref="taxon:32630"
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Veissenbach, J.
Weissenbach, J.
Direct Submitseion
Submitted Universe Submitted Office Submitted Office
Submitted Company Submitted Submitted Submitted Submitted Submitted Submitted Submitted Sequences 2 rue Gaston Cremieux, 91006 Evry cedex, FRANCE Location/Qualifiers
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1 (bases 1 to 18)
Schubart, D., Habenberger, P., Stein-Gerlach, M. and Bevec, D.
Schubart, D., Habenberger, P., Stein-Gerlach, M. and Bevec, D.
Cellular kinases involved in Cytomegalovirus infection and their inhibition
Parcent: US 6849409-A 1 01-FEB-2005;
Axxima Pharmaceuticals AG; Munich;
DEX;
                                                                                                      Tiret,L., Kessler,J.L., Bentolila,S., Faure,S., Bach,J.M., Weissenbach,J. and Panthier,J.J.
Assignation of polymorphic markers on a canine purebred pedigree Unpublished
                                                                                                                                                                                                                                                                                          1..20
/organism="synthetic construct"
/mol_type="other DNA"
/db_xref="txxxx:32630"
/noTe="synthetic oligonucleotide"
1..20
/note="DTRCn.20_f primer for canine microsatellite PCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 20;
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                                                                      other sequences; artificial sequences.
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Sequence 4 from patent US 6716585.
AR491869

    18
    /organism="unknown"
    /mol_type="genomic DNA"

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             oligonucleotide, primer synthetic construct synthetic construct
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
                                                                                                                                                                                                                                                                                                                  Antisense human fucosyltransferase sequences and methods of use thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Antisense therapy for hormone-regulated tumors
Patent: WO 0105435-A 15 25-JAN-2001;
THE UNIVERSITY OF BRITISH COLUMBIA (CA) ; Miyake, Hideaki (JP)
Location/Qualifiers
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14.4%; Pred. No. 5.9e+02;
ve 0; Mismatches 1; Indels
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Location/Qualifiers
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Seguence 19 from patent US 6350868.
AR195441
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/organism="unknown"
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Sequence 15 from Patent WO0105435.
AX078001
                                                                                                                                                                                                                                                                     Unclassified.

1 (bases 1 to 20)
Weston, B.W. and Hiller, K.M.
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                  1895 GTGCCACAGGAAGAGAG 1912
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                                     18 GTGCCCCAGGAAGAAGAG 1
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Best Local Similarity 94.4%;
Matches 17; Conservative
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ASE287234/c
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KEYWORDS SOURCE ORGANISM

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RESULT 681 AX078001/c LOCUS

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PAT 15-MAY-2004

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BD167413 17-JAN-2003
Surface-roughened slide glass and method of analyzing biological
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Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0;
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/ Unknown.
Unclassified.
3 1 (bases 1 to 16)
.S Cech,T.R. and Lingner,J.
Telomerase 693809-A 131 25-JUL-2000;
AL Patent: US 6093809-A 131 25-JUL-2000;
Location/Qualifiers
                                                                                                                                             DNA
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Patent: US 6309867-A 131 30-OCT-2001;
Location/Qualifiers
                                                                                                                                    16 bp Dl
Sequence 131 from patent US 6093809.
AR104584
AR104584.1 GI:12817292
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Sequence 131 from patent US 6309867.
AR175845.
AR175845.1 GI:17917144
    Mismatches

    .16
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/organism="unknown"
/mol_type="unassigned DNA"
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BD167413.1 GI:27873225
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unidentified
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Cech, T.R. and Nakamura, T.
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AR175845
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   Matches
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                      Al-Mahmood, S.
Method for identifying novel genes involved in the regulation of angiogenesis, study of said genes and use thereof for therapeutic purposes.
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1 (bases 1 to 16)

Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.

Covalently linked oligomucleotide minor grove binder conjugates

Patent: US 5801155-A 2 01-SEP-1998;
                                                                                                                                                                                                                                                                      Gaps
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Bazila, D., Emile, C., Helene, C. and Spenlehauer, G.
Nucleic acid-containing composition, its preparation and use
Patent: US 5856435-A 15 05-JAN-1999;
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                                                                                                                                                                                                                                     Length 19;
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                                                                                                                                                                                                                                    Query Match 0.6%; Score 16.2; DB 1; Length 1
Best Local Similarity 94.1%; Pred. No. 5.9e+02;
Matches 16; Conservative 1; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0;
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Sequence 15 from patent US 5856435.
AR027678
AR027678.1 GI:5938498
                                                                                                        Patent: US 6716585-A 4 06-APR-2004;
GeneSignal;;

    .16
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Sequence 2 from patent US 5801155.
AR037355 AR037355.1 GI:5955211
                                                                                                                                                                       1. .19
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REFERENCE AUTHORS TITLE JOURNAL

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ACCESSION VERSION KEYWORDS

RESULT 685 AR027678/c

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TITLE JOURNAL FEATURES REFERENCE AUTHORS

AR037355/c LOCUS DEFINITION

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/db_xref="taxon:32644"
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                  uncrashing bequences.

S Okamura, H. Tanga, M., Oba, M., Yamakawa, K. and Takagi, K.

S Surface roughened slide glass and method of analyzing biological substance using the same

Patent: JP 200211954-A 1 31-JUL-2002;

TOYO KOHAN CO. LTD

OS Artificial Sequence
PD 31-JUL-2002

PP 30-OCT-2001

PP 30-OCT-2001

PP 30-OCT-2001

PP 30-OCT-2001

PP C1201/68;

PC C1201/68;

PC C1201/68;

PC G10133/53,G01N37/50,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/09,
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JP 2002211954-A/2
31-7UL-2002
30-0CT-2001 JP 2001332778
HIROSHI ORA, KAORU YAMAKAWA,
KENICHI TAKAGI
                                                                                                                                                                                                                                                     30-OCT-2001 JP 2001332778
HIROSHI OKAMURA,MICHIFUMI TANGA,MITSUYOSHI OBA,KAORU YAMAKAWA,
KENICHI TAKKGI
C03C15/00,C03C17/245,C12M1/00,C12N11/14,C12N15/09,C12N15/09,
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PN JP 200211954-A/2
PN JP 2002211954-A/2
PN 31-2002
PP 31-2002
PP 30-OCT-2001 JP 2001332778
PI HIROSHI OKAMURA,MICHIFUMI TANGA,MITSUYOSHI OBA,KAORU YAMAKAWI
PI KENICHI TAKAGI
PC C03C15/00,C03C17/245,C12M1/00,C12N11/14,C12N15/09,C12Q1/68,
PC C12Q1/68,
PC G01N33/53,G01N33/53,G01N37/00,C12N15/00,C12N15/00.CC
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1 (bassified sequences.

Okamura, H., Tanga, M., Oba, M., Yamakawa, K. and Takagi, K.
Surface-roughened slide glass and method of analyzing biological substance using the same
Patent: JP 2002211954-A 2 31-JUL-2002;
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/organism='Artificial Sequence'.
Location/Qualifiers
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/organism='Artificial Sequence'.
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100.0%; Pred. No. 5.4
Live 0; Mismatches
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JP 2002211954-A/2.
unidentified
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     unclassified sequences.
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Patent: WO 2004050918-A 130 17-JUN-2004;
Agency for Science, Technology and Research (SG)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           fluorescent marker
Patent: BP 1413630-A 9 28-APR-2004;
COMMISSARIAT A L'ENERGIE ATOMIQUE (FR); Universite Joseph Fourier
de Grenoble (FR)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                Gaps
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence:
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    Length 16;
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ch 0.6%; Score 16; DB 1; Le 1 Similarity 100.0%; Pred. No. 5.4e+02; 16; Conservative 0; Mismatches 0;
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0.6%; Score 16; DB 1; L4
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
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/noTe="tag"
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CQ800970
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Gaps

DEFINITION ACCESSION VERSION KEYWORDS

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REFERENCE AUTHORS JOURNAL

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RESULT 693 CS129780/c

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PAT 13-MAY-1997
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Kutyavin, I.V., Lukhtanov, E.A., Gamper, H.B. and Meyer, R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6426408-A 2 30-JUL-2002;
Epoch Blossiences, Inc.; Bothell, WA
Location/Qualifiers
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1 (bases 1 to 16)

Cook, P.D. and Sanghvi, Y.S.

Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression
Patent: US 5614617-A 60 25-MAR-1997;

Location/Qualifiers
1 (bases 1 to 16)
Cook, P.D. and Sanghvi, Y.S.
Nuclease resistant, pyrimidine modified oligonucleotides that
Nuclease resistant, pyrimidine expression
detect and modifice gene expression
patent: uS 5614617-A 42 25-MAR-1997;
Location/Qualifiers
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I38700
                                                                                                                                            /mol_type="unassigned DNA"
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Sequence 2 from patent US 6426408.
AR221692.
AR221692.1 GI:23328764
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Unknown.
Unclassified.
1 (bases 1 to 16)
Cook, P.D. and Sanghvi, Y.S.
Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression
Patent: US 5614617-A 36 25-MAR-1997;
Location/Qualifiers
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Bi-cyclic nucleoside, nucleotide and oligonucleoide analogues
Patent: EP 1557424-A 70 27-JUL-2005;
Exigon A/S (DK)
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Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0;

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Sequence 36 from patent US 5614617.
1318676 131:2084730
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Sequence 42 from patent US 5614617.
138682.1 GI:2084736
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Sequence 70 from Patent EP1557424.
CS129780
CS129780.1 GI:71791931
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ACCESSION VERSION KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS

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RESULT 694 I38676/c

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VERSION KEYWORDS SOURCE ORGANISM

RESULT 695 I38682/c

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PAT 08-OCT-2004

KEYWORDS SOURCE ORGANISM

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TITLE JOURNAL

AUTHORS REFERENCE

DEFINITION ACCESSION VERSION

RESULT 698 AR222462

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Beier, M. and Honeisel, J.

Nucleoside derivatives with photo-unstable protective groups
Patent: US 6756492-A 1 29-JUN-2004;
Deutsches Krebsforschungszentrum Stiftund des Offentlichen Rechts;
DEX;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown.
Unclassified.
Unclassified.
Unclassified.
T (base) 1 to 16)
Teang, W.-G., Zheng, T. and Huang, C.J.
Culturing pancreatic stem cells having a specified, intermediate stage of development
stage of development
Patent: US 6759039-A 9 06-UUL-2004;
AmCyte, Inc.; Santa Monica, CA
Location/Qualifiers
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Matches 16; Conservative 0; Mismatches 0;
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Unclassified.
1 (bases 1 to 16)
Wengel, J. and Nielsen, P.
Oligonucleotide analogues
Exigon A/S;;
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AR584046
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Sequence 9 from patent US 6759039.
AR561693. GI:53974843
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Unclassified.
I (bases 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Parent: US 6486308-A 2 26-NOV-2002,
Epoch Biosciances, Inc., Bothell, WA
Location/Qualifiers
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Kurz, M., Lohse, P. and Wagner, R.
Peptide acceptor ligation methods

Patent: US 6422300-A 22 06-AUG-2002;

Phylos, Inc.; Lexington, MA

Location/Qualifiers
                                                                                                       AR222462 1 from patent US 6429300. AR222462.1 GI:23329993
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KEYWORDS SOURCE ORGANISM

RESULT 699 AR257437/c

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PAT 15-DEC-2004

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FEATURES

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REFERENCE AUTHORS

RESULT 700 AR561628

DEFINITION

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VERSION KEYWORDS SOURCE

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Sequence 131 from patent US 6921664. AR700481
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Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B.,
Harley,C. and Andrews,W.H.
Method for detecting polynucleotides encoding telomerase
Batent: US 6808880-A 131 26-0CT-2004;
Geron Corporation and Regents of the University of Colorado; Menlo
Park, CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Cuzin,M., Peltie,P., Fontecave,M., Decout,J.-L. and Dueymes,C. Charlysis of biological targets using a biochip comprising a fluorescent marker patent: US 6861515-A 9 01-MAR-2005;

Commissariat a l'Energie Atomique and Universite Joseph Fourier De
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Sequence 131 from patent US 6808880.
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/organism="unknown"
/mol_type="genomic DNA"
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Unclassified.
I (bases 1 to 16)
Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B.,
Harley,C.B. and Andrews,W.H.
Genes for human telomerase reverse transcriptase and telomerase
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Unclassified.
Unclassified.
1 (bases 1 to 16)
Dempoy, R.O., Afonina, I.A. and Vermeulen, N.M.J.
Hybridization-triggered fluorescent detection of nucleic acids
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Geron Corporation and University Technology Corporation; Menlo
Park, CA
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Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B.,
Harley,C.B. and Andrews,W.H.
                                                                                                                                                                   Telomerase
Patent: US 6921664-A 131 26-JUL-2005;
Regents of the University of Colorado and Geron Corporation;
Boulder, CO
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Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0;
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Sequence 131 from patent US 6927285.
AR703784
AR703784.1 GI:75921828
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AR723996
AR723996.1 GI:77377020

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AR700481.1 GI:75915876
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PAT 11-SEP-2001

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Unclassified.

1 (bases 1 to 17)
Scelonge, C.J. and Bidney, D.L.
Gene encoding oxalate decarboxylase from aspergillus phoenices
Patent: US 6297425-A 30 02-OCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                 Cuzin,M., Peltie,P., Fontecave,M., Decout,J.L. and Dueymes,C. Analysis of biological targets using a biochip comprising a fluorescent marker Patent: WO 0162328.A 9 30-AUG-2001; COMMISSARAT A L'ENERGIE ATOMIQUE (FR)
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Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0;
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other sequences; artificial sequences.
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Sequence 30 from patent US 6303846.
AR173367
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Sequence 9 from Patent WO0163282.
AX235176
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2709 AAAAAAAAAAAAA 2724
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Efimov, V., Fernandez, J., Archdeacon, D., Archdeacon, J.,
Chakhmakhcheva, O., Buryakova, A., Choob, M. and Hondorp, K.
Chigonucleotide analogues, methods of synthesis and methods of use
Patent: US 6962906-A 9 08-NOV-2005;
Active Motif, Carlsbad, CA
Location/Qualifiers
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Nucleoside derivatives with photo-unstable protective groups
Patent: WO 0061594-A 2 19-OCT-2000;
DEUTSCHES KREBSFORSCH (DE) ; BEIER MARKUS (DE) ; HOHEISEL JOERG
(DE)
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|noTe="Oligonucleotid"
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synthetic construct
other sequences; artificial sequences.
Patent: US 6951930-A 21 04-OCT-2005;
Epoch Biosciences, Inc.; Bothell, WA
Location/Qualifiers
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Sequence 2 from Patent WO0061594.
AX039049
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                                                                 /organism="unknown"
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BD091742.1 GI:22637353
SW0 0073435-A/2.
BD091742.1 GI:22637353
SW0 0073435-A/2.
Synthetic construct
Construct
Synthetic construct
Synthetic construct
Cother sequences; artificial sequences.

I (bases 1 to 17)
SW Gunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K. and Matsui,K.
441, a novel gene related to pollen allergy
Cunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K. and Matsui,K.
441, a novel gene related to pollen allergy
Denor RESEARCH INC,TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,
TAPAHIRO OSHIDA,MASAYA OBAYASHI,SHIGEMICHI GINXI,IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI
OS Artificial Sequence
N WO 0073435-A/2
DD 07-DEC-2000
PF 18-MAY-2000 WO 2000JP003190
PF 18-MAY-2000 WO 2000JP003190
PF 27-MAY-1999 JP 99P 148781
PI TAKESHI NAGASU,YUJI SUGITA,TOWOKO KASHIWABARA,TADAHIRO OSHIDA,
PI NESAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
PI KAORU OGAWA,KEIKO MATSUI
PC C12N15/10,C1201/68,G01N33/50
CC Description of Artificial Sequence:Artificially Synthesized CC
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cher sequences; artificial sequences.
cher sequences; artificial sequences.
cher sequences; artificial sequences.
librariality, Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,
Radashi,E. and Yokol,A.
Takahashi,E. and Yokol,A.
GENOX RESERREH INC,TARESHI NAGASU,YUJI SUGITA,TOWOKO KASHIWABARA,
TADAHIRO OSHIDA,MASAYA OBAYASHI,SHIGEMICHI GINJI,IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA,KAORU OGAMA,KEIKO MATSUI,EIKI
TAKAHASHI,AKIRA YOKOI
OS Artificial Sequence
PN WO 0073439-A/2
PD 07-DEC-2000
PF 18-MAY-2090 MO 2000JP003191
PR 27-MAY-1999 JP 99P 148784
PI TAKESHI NAGASU,YUJI SUGITA,TOWOKO KASHIWABARA,TADAHIRO OSHIDA,
PI MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
PI NASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
PI NASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
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465, a novel gene related to pollen allergy
BD091750
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Pred. No. 5.7e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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WO 0073439-A/2.
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Gunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K., Matsui,K.,
Takahashi,E. and Yokoi,A.

795, a novel gene related to pollen allergy
Batent: WO 00650S0-A 2 02-NOV-2000;
GENOX RESEARCH INC,TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,
TADAHIRO OSHIDA,MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI,EIKI
TAKAHASHI,AKIRA YOKOI
OS ATTÍÉICIA Sequence
PN WO 0055050-A/2
PD 02-NOV-2000
PF 26-APR-2000 WO 2000JP002734
PR 27-APR-1999 JP 99P 120494
PI TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,TADAHIRO OSHIDA,
MASARA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
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PN W0 0055050-A/2
PN W0 0055050-A/2
PN W0 0055050-A/2
PN W0 0055050-A/2
PN 26-APR-1999 JP 99P 120494
PN 27-APR-1999 JP 99P 120494
PN ASANA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI PI KAORU OGAMA, KEIKO MATSUI, EIKI TAKAHASHI, AKIRA YOKOI PC 12015/12, C07K14/47, C07K16/18, C12Q1/68, G01N33/50//A61K31/00, PC 461P37/00
CC Description of Artificial Sequence: Artificially Synthesized
                 Gaps
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100.0%; Pred. No. 5.7e+02;
ative 0; Mismatches 0; Indels
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00.0%; Pred. No. 5.7e+02;
ve. 0; Mismatches 0; Indels
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795, a novel gene related to pollen allergy.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 17)
                                                                                                                                                                                                                  /mol_type="unassigned DNA"
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                                                                                                                                                                                         /organism="unknown"
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100.0%; Pre-
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Best Local Similarity 100.0
Matches 16; Conservative
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Best Local Similarity 100.0
Matches 16, Conservative
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                                                                  AUTHORS
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PAT 27-AUG-2002

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RESULT 716 BD091773/c DEFINITION ACCESSION VERSION KEYWORDS

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TITLE JOURNAL

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S Nagasu,T., Oshida,T., Obayashi,I., Matsui,K. and Sait,H.

Method for examination for allergosis

AL GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF

NATIONAL CHILDREN'S HOSPITAL, HIROMITSU NAKAUCHI,YUTAKA

NATIONAL CHILDREN'S HOSPITAL, HIROMITSU NAKAUCHI,YUTAKA

RUJIKI,KAZUNC FUKWAN,OSAMU KUDO TAKESHI NAGASU,TADAHIRO OSHIDA,IZUMI

OBAXASHI,KEIKO MATSUI, HIROHISA SAITO

S Artificial Sequence

PN WO 0165259-A/5

DD 07-SEP-2001

PF 23-FEB-2001

PF 02-MAR-2000 UP 00P 61832

PI TAKESHI NAGASU,TADAHIRO OSHIDA,IZUMI OBAYASHI,KEIKO MATSUI, PI

HIROHISA SAITO
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GOIN33/50//C12P21/08, (C12NS/10, C12R1:91), (C12P21/02, C12R1:91)
Description of Artificial Sequence:an artificially synthesized
                                                                                                                                                                                                                                                                                                                                                                            GOIN33/53,C12Q1/68,C12N15/12,G01N33/15,A01K67/027,A61K39/395,A61P37/08
Description of Artificial Sequence:Artificially Synthesized CC
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OS Artificial Sequence
OS Artificial Sequence
PN WO 0224903-A/2
PD 28-MAR-2002
PF 21-SEP-2001 WO 2001JP008246
PR 25-SEP-2000 JP 00P 291318
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Synthetic construct
synthetic construct
other aguences; artificial sequences.

1 (bases 1 to 17)
Sugita, Y., Hashida, R., Ogawa, K., Fujishima, T., Nagasu, T.,
Fuyimoto, G. and Takahashi, E.
Method of examining allergic disease
Patent: WO 0224903-A 2 28-MAR-2002;
Remox RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, YUJI SUGITA, RYOICHI HASHIDA, KAORU
OGAWA, TOMOKO FUJISHIMA, TAKESHI NAGASU, GOZO ISUJIMOTO, EIKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GOZO TSUJIMOTO, EIKI TAKAHASHI
C12N15/09, C12N5/10, C07K14/47, C07K16/18, C12P21/02, C12Q1/02,
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100.0%; Pred. No. 5.7e+02;
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/mol type="ganomic DNA"
/db_xref="taxon:32630"

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other sequences; artificial sequences.
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PC G01N3
PC G01N3
CC Descr
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to the sequences; artificial sequences.

S Nagasu,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,

Takahashi,E. and Yokoi,A.

787, a novel gene related to pollen allergy
betent: WO 0073440-A.2 07-DEC-2000;

GENOX RESEARCH INC,TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,
TADAHIRO OSHIDA,MASAHAI OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI,EIKI
TAKAHASHI,AKIRA YOKOI
OS Artificial Sequence
PN WO 0073440-A/2
PD 07-DEC-2000
PF 18-MAY-2000 WO 2000JP003192
PR 27-MAY-1999 JP 99P 148785
PI TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,TADAHIRO OSHIDA,
PI NASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
PI NEI YOSHIDA,
PI KARON OGAWA,KEIKO MATSUI,EIKI TAKAHASHI,AKIRA YOKOI PC
C12N15/12,C12Q1/68,C12N5/08,C12N5/06,C07K14/415 CC Description of
Artificial Sequence:Artificially Synthesized CC Primer Sequence
FK Key
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100.0%; Pred. No. 5.7e+02;
ative 0; Mismatches 0; Indels
                                                                                                                                                                                        Query Match 0.6%; Score 16; DB 1; Length 17; Best Local Similarity 100.0%; Pred. No. 5.7e+02; Matches 16; Conservative 0; Mismatches 0; Indels
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1909) BD091773
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ON Method for examination for allergosis.
W BD097334.1 GI:22642908
WO 0165259-A/5.
Synthetic construct
                      Location/Qualifiers.
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                         1. .17
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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WO 0073440-A/2.
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Matches 16; Conserv
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PAT 18-SEP-2002

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RESULT 717 BD097334/c DEFINITION

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FEATURES

PAT 17-JAN-2003

linear

FEATURES

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WO 023122-A/2.

Synthetic construct
construct
cher sequences; artificial sequences.

ther sequences; artificial sequences.

1 (bases 1 to 17)
cher sequences; artificial sequences.

1 (bases 1 to 17)
cher sequences; artificial sequences.

2 (and Takahashi, E.
CENOX RESERCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL, RINAKO NAKAGAWA YUJI SUGITA, RYOICHI HASHIDA, KAORU COGAWA, MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA
SAITO, EIKI TAKAHASHI
OS Artificial Sequence
NW 00 223122-A/2
PP 11-OCT-2000
PP 11-OCT-2000
PP 11-OCT-2000
PP 11-OCT-2000
PP 11-OCT-2000
PP 13-OCT-2000

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A01K67/027//C07K16/18,C12N5/10
Description of Artificial Sequence:an artificially synthesized
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GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, MASAKAZU ADACHI,KAZUO MIYANAGA YUJI
SUGITA,RYOICHI HASHIDA,KAORU OGAWA,TOWOKO FUJISHIMA, TAKESHI
NAGASU, HIROHISA SAITO
OS Artificial Sequence
PN WO 0226962-A/6
PD 04-APR-2002
PP 21-SEP-2001 WO 2001JP008247
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1 (bases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T., Nagasu,T. and
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Method for examination of allergosis.
BD167835
BD167835.1 GI:27873647
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primer sequence
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S Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T. and Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T. and Trujimoto,K.

Method of examining allergic disease

I Patent: JP 2002095500-A 2 02-ARR-2002;
GENOX RESEARCH HOX.THE DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL OS Artificial Sequence
PN JP 2002095500-A/2
PN JR 200209500 JP 2000291316
PI YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI, PI TAKESHI NAGASU,
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PC C12Q1/02,G01N33/15,G01N33/50//C12P21/08,C12N5/00,C12N5/00, PC C12N15/00 CC Description of Artificial Sequence:an artificially synthesized
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PC
C12Q1/68,A01K67/027,A61K31/7088,A61K31/711,A61K45/00,A61P37/08,
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PC CO7K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N5/10
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/organism='Artificial Sequence'.
Location/Qualifiers
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Location/Qualifiers
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                             Location/Qualifiers

    .17
    forganism="synthetic construct"
|mol type="genomic DNA"
|db_xref="taxon:32630"

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/mol_type="genomic DNA"
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JP 2002095500-A/2.
synthetic construct
synthetic construct
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TITLE JOURNAL

COMMENT

REFERENCE AUTHORS

RESULT 719

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PAT 17-JAN-2003

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RESULT 720 BD167835/c

Matches

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FEATURES

Gaps

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PAT 17-JAN-2003

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synthetic construct

synthetic construct

synthetic construct

synthetic construct

to the sequences; artificial sequences.

Loans 1 (bases 1 to 17)

Traijmoto, Y., Imai, Y., Oshida, T., Sugita, Y., Nagasu, T. and
Traijmoto, G.

Method of examining allergic disease

RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF

NATIONAL CHILDREN'S HOSPITAL, MASAMICHI TAKAGI, AKINORI OTA YOSHIKO

MATSUMOTO, YUKHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA, TAKESHI NAGASU,
GOZO TSUJIMOTO

S Artificial Sequence

PN WO 0250269-A/2

PD 27-JUN 2002

PP 21-DEC-2001 WO 2001JP011286

PR 21-DEC-2000 JP 00P 389476

PR 21-DEC-2000 JP 00P 389476

PR YLDEC-2000 JP 00P NAL, TADAHIRO OSHIDA, YUJI SUGITA, PI

TANDAL MANASUMOTO, YUKHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA, PI

TANDAL MANASUMOTO, YUKHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA, PI
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Location/Qualifiers
                  DB 1; Length 17; 5.7e+02;
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100.0%; Pred. No. 5.7e+02;
tive 0; Mismatches 0;

    1. 17
    forganism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"

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synthetic construct
other sequences; artificial sequences.
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                       Query Match 0.6%; Score 16; DB Best Local Similarity 100.0%; Pred. No. 5.7 Matches 16; Conservative 0; Mismatches
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Matches 16; Conservative
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Method for examination for allergosis

Datent: WO 0233069-A 18 25-APR-2002;
GENOX RESEARCH INC, JABAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, TOWOYUKI FUKASAWA, CHUHEI NOJIRI, NOBUO
MATSUHASHI, KOJI NISHIZAWA, YUJI SUGITA, RYOTCHI HASHIDA, KAORU
OGAMA, MASAYA OBAYASHI, TAKESHI NACASU, HIROHISA SAITO
OS Artificial Sequence
PN WO 0233069-A/18
PD 25-APR-2001
PP 28-SEP-2001 WO 2001JP008574
PR 13-OCT-2000 JP 00P 314093
PR 13-OCT-2000 JP 00P 314
                                                                                                                                                                           GOIN33/15,
GOIN33/50//C12P21/08, (C12N5/10,C12R1:91), (C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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                                                                        HIROHISA SAITO
CI2N15/09,C12N5/10,C07K14/47,C07K16/18,C12P21/02,C12Q1/02, PC
26-SEP-2000 JP 00P 293021
YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,TOMOKO FUJISHIMA, PI
HI NAGASU,
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Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T. and
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/organism='Artificial Sequence'.
Location/Qualifiers
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/organism='Artificial Sequence'
Location/Qualifiers
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/organism="synthetic construct"
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PC G01N3:
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PAT 20-APR-2002

REFERENCE AUTHORS TITLE

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TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,TADAHIRO OSHIDA,
MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
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OS Artificial Sequence
No JP 2005515/90-A/24
PN JP 2005515/90-B/24
PD 02-JUN-2003 JP 2003564279
PF 28-JAN-2002 US 60/352245
PI peter ronneruberui,matsu orudin,sten rinnarusson,patrick PI erunforusu
CC Description of Artificial Sequence: Double-stranded product PH Key Location/Qualifiers.
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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E34258.1 GI:18624263
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Immunostimulatory nucleic acids for inducing il-10 responses
Patent: WO 2005111057-A 30 24-NOV-2005;
Coley Pharmaceutical GmbH (DE); Coley Pharmaceutical Group, Inc.
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Ronneruberui, P., Orudin, M., Rinnarusson, S. and Erunforusu, P.
Methods and Means for Identification of Gene Features
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/note="where the linkages between bases are
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/note="where the linkages between bases are
phosphorothioate linkages"
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Organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide"
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/organism="synthetic construct"
/organism="synthetic construct"
/ol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide"
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Best Local Similarity 94.1%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 1;
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other sequences; artificial sequences.
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/organism="unknown"
/mol_type="genomic DNA"
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Unclassified.
1 (bases 1 to 17)
McClelland,M., Welsh,J. and Trenkle,T.
McGouplextry nucleic acid targets and methods of using same
Patent: US 6495119-A 63 17-DEC-2002;
Sidney Kimmel Cancer Center; San Diego, CA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unknown.
Unknown.
Unclassified.
I (bases 1 to 17)
1 (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Patch ond reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2551 12-FEB-2002;
Location/Qualifiers
                                                                                                l (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2550 12-FEB-2002;
Location/Qualifiers
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100.0%; Pred. No. 5.7e+02;
ative 0; Mismatches 0;
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  Sequence 2550 from patent US 6346398.
AR187062
AR187062.1 GI:20233027
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Sequence 63 from patent US 6495319.
AR266625.
AR266625.1 GI:29695689
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Unclassified.
Unclassified.
1 (bases 1 to 17)
Pavco.P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6556127-A 1074 20-MRY-2003,
Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1075 20-MAY-2003;
Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO
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Sequence 1075 from patent US 6566127.
AR323673
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Sequence 1074 from patent US 6566127.
AR323672
AR323672.1 GI:33709480
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/organism="unknown"
/mol_type="unassigned RNA"
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/mol_type="unassigned RNA"
1) Score 16; DB 1) 100.0%; Pred. No. 5.7 Conservative 0; Mismatches
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Patent: US 6828428-A 105 07-DEC-2004;
Kyowa Hakko Kogyo Co., Ltd.; Tokyo;
JPX;
                                                Location/Qualifiers
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Unclassified.
In (bases 1 to 17)
PavCo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Rethod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6018447-A 1075 16-N0V-2004;
Sirna Therapeutics, Inc.; Boulder, CO
Location/Qualifiers
                                                                                                                                1 (bases 1 to 17)
Bavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Mexuggen, J. the treatment of diseases or conditions
method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6818447.A 1074 16.NOV-2004;
Sirna Therapeutics, Inc.; Boulder, CO
Location/Qualifiers
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1 (bases 1 to 17)

Ishiwata,T., Sakurada,M., Nishimura,A., Nakagawa,S., Nishi,T., Kuga,T., Sawada,S. and Takei,M.
IGA nephropathy-related genes
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100.0%; Pred. No. 5.7e+02;
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0.6%; Score 16; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0;
         Sequence 1074 from patent US 6818447.
AR597132.
AR597132.1 GI:56648146
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1075 from patent US 6818447.
AR597133.1 GI:56648147
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Seguence 105 from patent US 6828428.
AR614733
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/organism="unknown"
/mol_type="unassigned RNA"
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Matches 16; Conservative
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AR597133/c
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1 (Dases I to 17)

1 (Dases I to 17)

1 (Bases I to 17)

1 (Bases I to 17)

Kuga, T., Sawada, S., Takei, M., Shibata, K. and Furuya, A.

IgA nephropathy-related DNA

Patent: US 6952984-A 107 08-NOV-2005;

Nihon University; Tokyo;
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A method and an algorithm for mrna expression analysis
Patent: WO 20208461-A 24 31-JAN-2002;
Global Genomics AB (SE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.6%; Score 16; DB 1; Length 17; 100.0%; Pred. No. 5.7e+02; tive 0; Mismatches 0; Indels
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100.0%; Pred. No. 5.7e+02;
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/mol type="unassigned DNA"
/db xref="taxon:12630"
/noTe="Double-stranded product DNA"
                                                                              Query Match 0.6%; Score 16; DB 1; Le Best Local Similarity 100.0%; Pred. No. 5.7e+02; Matches 16; Conservative 0; Mismatches 0;
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synthetic construct
other sequences; artificial sequences.
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Seguence 107 from patent US 6962984.
AR763499
1. .17
/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 24 from Patent WO0208461.
AX361606
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/organism="unknown"
/mol_type="genomic DNA"
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PAT 08-MAY-2003

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RESULT 738 AX692525/c

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia;
Sciurognathi; Muroidea; Muridae; Murinae; Mus
                                                                                                                                                                                                                     Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 17;
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Patent: WO 03050284-A 161 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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tive 0; Mismatches 0;
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100.0%; Pred. No. 5.7e+02;
tive 0; Mismatches 0;
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Patent: WO 03025176-A 2513 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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               AX724826
17 bp DNA
Sequence 2513 from Patent WO03025176.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                     1. .17
/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
                                                                                                          Mus musculus (house mouse)
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                                                                       AX724826.1 GI:30504169
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
                                                                                                                                                                                                                                                                                                                                                   Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
                                                                                                                                                                                                                                                                             Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Buarchontoglires, Primates, Catarrhini,
Hominidae, Homo.
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Aeomica, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                             Patent: EP 1281758-A 5257 05-FEB-2003;
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Sequence 5258 from Patent BP1281758.
AX692526.1 GI:29415484
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Sequence 5257 from Patent EP1281758.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CODING DNA FRAGMENTS FOR POLYPEPTIDES CONTAINING AT LEAST ONE ANTIGENIC DETENTINANT OF THE PAPILLOMAVIRUS PARTICULARLY OF THE 1a HPV TYPE AND CORRESPONDING POLYPEPTIDES PARTICULARLY OF THE 1a Patent: WO 8305623-A 9 27-OCT-1983;
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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                                                                 Guo, J.
Human prostate cancer candidate protein 1
Patent: WO 03050284-A 162 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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    .17
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A14689.1 GI:513760
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CI2N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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Synthetic construct
Switchetic construct
Switchetic construct
other sequences, artificial sequences.

E 1 (bases 1 to 18)
S Jun,N. Yusuke,N. and Toshihiro,T.
Mammal-derived tissue specific physiologically active protein
JAPAN TOSACO 107C
OS Artificial Sequence
PD 09-FEB-2000
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B32456.1 GI:13018692
JP 2000037190-A/16.
Synthetic construct
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synthetic artificial sequences.
1 (bases 1 to 18)
Jun,N. Yusuke,N. and Toshihiro,T.
Mammal-derived tissue specific physiologically active protein
Patent: JP 2000037190-A 16 08-FEB-2000;
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Mammal-derived tissue specific physiologically active protein.
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100.0%; Pred. No. 5.9e+02;
tive 0; Mismatches 0;
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/db_xref="taxon:32630"

    .18
/organism="unidentified"
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PAT 09-MAR-2001
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                                                                                                                               Unclassified.
Unclassified.
1 (bases 1 to 18)
1 (bases 1 to 18)
2 (Kaufman, J.C., Roth, M.E., Lizardi, P.M., Feng, L. and Latimer, D.R. Binary encoded sequence tags
Patent: US 6383754-A 5 07-MAX-2002;
Location/Qualifiers
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Kaufman, J.C., Roth, M.E., Lizardi, P.M., Feng, L. and Latimer, D.R.
Binary encoded sequence tags
Batent: US 773886-A 5 10-40G-2004;
Yale University and Agilix Corporation; New Haven, CT
Location/Qualifiers
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Binary encoded sequence tags
Patent: WO 0112855-A 5 22-FEB-2001;
YALE UNIVERSITY (US)
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other sequences; artificial sequences.
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                                        AR208425 18 bp
Sequence 5 from patent US 6383754.
AR208425 GI:21509576
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Sequence 5 from patent US 6773886.
AR575573
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Sequence 5 from Patent WO0112855.
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AR208425/c
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AR575573/c
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Mammal-derived tissue specific physiologically active protein.
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C12N15/00,
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CI2N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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Location/Qualifiers
                                                       23-JUL-1998 JP 1998225228
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JP 2000037190-A/16
08-FEB-2000
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PAT 13-DEC-2004
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                                                                                                                                                                                                                                                                                                                                                                                           Richards, I. and McSWIGGEN, J. RNA interference mediated inhibition of interference mediated inhibition of interfering Nucleic molecule (ICAM) gene expression using short interfering Nucleic
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  0.6%; Score 16; DB 1; Length 19;
100.0%; Pred. No. 6.1e+02;
tive 0; Mismatches 0; Indels
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Sirna Therapeutics, Inc. (US)
Location/Qualifiers
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Patent: WO 2004020575-A 12 11-MAR-2004;
Exigon A/S (DK)
                                                                                                                                                                                                                CS092728 19 bp RNA Sequence 328 from Patent W02005045039. CS092728 CS092728.1 GI:66950266
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Sequence 12 from Patent WO2004020575.
CQ965250
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Method of utilizing the 5' end of transcribed nucleic acid regions
for cloning and analysis
Parent: WO 20031306672-A 62 24-DEC-2003;
Riken (JP); Kabushiki Kaisha Dnaform (JP)
Location/Qualifiers
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/db_xref="taxon:32010"
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Sirna Therapeutics, Inc. (US)
Location/Qualifiers
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Sequence 62 from Patent WO2003106672.
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                                                                                              /note="Primer"
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RESULT 752 CS092562/c LOCUS

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                                                         PAT 18-MAY-2002
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RNA interference mediated inhibition of XIAP gene expression using short interfering Nucleic Acid (siNA)
Patent: WO 2005014811-A 203 17-FEB-2005;
Sirna Therapeutics, Inc. (US)
Location/Qualifiers
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/db_xref="taxon:32630"
/note="Description of Artificial Sequence: Target Sequence/siNA sense region"
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/db xref="taxon:32630"
/noCe="probes to target sequences"
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Sequence 296 from Patent WO2005014811.
CS028043
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Sequence 203 from Patent W02005014811.
CS027950 GI:60497500
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other sequences; artificial sequences.
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Calibration of molecular array data
Patent: EP 1186673-A 1 13-MAR-2002;
Agilent Technologies Inc (US)
Location/Qualifiers
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                                                      Sequence 1 from Patent EP1186673.
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RNA interference mediated inhibition of XIAP gene expression using short interfering Nucleic Acid (siNA)
short interfering Nucleic Acid (siNA)
Patent: WO 2005014811-A 372 17-FEB-2005;
Sirna Therapeutics, Inc. (US)
Location/Qualifiers
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                                                                                   Mcswiggen, J. and Chowrira, B.M.
RNA interference mediated inhibition of XIAP gene expression using short interfering Nucleic Acid (siNA)
Patent: WO 2005014811-A 296 17-FEB-2005;
Sirna Therapeutics, Inc. (US)
Location/Qualifiers
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Sequence/siNA sense region"
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89.5%; Pred. No. 6.3e+02;
ative 0; Mismatches 2; Indels
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89.5%; Pred. No. 6.3e+02;
ative 0; Mismatches 2;
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Best Local Similarity 89.5'
Matches 17; Conservative
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Matches 17; Conservative
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/note="Description of Artificial Seguence: BiNA antisense
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mcswiggen, J. and Chowrira, B.M.
RNA interference mediated inhibition of XIAP gene expression using short interfering Nucleic Acid (siNA)
short interfering Nucleic Acid (siNA)
strent: WO 2014811-A 763 17-FEB-2005;
Sirna Therapeutics, Inc. (US)
Location/Qualifiers
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RNA interference mediated inhibition of XIAP gene expression using short interfering Nucleic Acid (siNA)
short interfering Nucleic Acid (siNA)
Patent: W0 2005014811-A 839 17-FBB-2005;
Sirna Therapeutics, Inc. (US)
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89.5%; Pred. No. 6.3e+02;
ative 0; Mismatches 2;
Patent: WO 2005014811-A 670 17-FEB-2005;
Sirna Therapeutics, Inc. (US)
Location/Qualifiers
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Sequence 763 from Patent WO2005014811.
CS028510
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Sequence 839 from Patent WO2005014811.
CS028586
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Mcswiggen, J., Chowrira, B.M. and Haeberli, P.
RNA interference mediated inhibition of NOGO and NOGO receptor gene expression using short interfering Nucleic Acid (siNA)
Patent: WO 20050453A 99 19-MAY-2005;
Sirna Therapeutics, Inc. (US)
Location/Qualifiers
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RNA interference mediated inhibition of NOGO and NOGO receptor gene expression using short interfering Nucleic Acid (siNA)
Patent: WO 2005/645035-A 198 19-MAY-2005;
Sirna Therapeutics, Inc. (US)
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Score 15.8; DB 1; Length 1
Pred. No. 6.3e+02;
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CS095407
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JP 2002516564-A/6
4-JUN-2002
24-SEP-1997 JP 1998515877
24-SEP-1996 US 60/02660
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BD233654.1 GI:33043424
JP 2002524088-A/2.
unidentified
unclassified sequences.
             BD217905
BD217905.1 GI:33027675
JP 2002516564-A/6.
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Gene family encoding apoptosis-associated peptides, peptides
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Methods and means for treatment of osteoarthritis
Patent: WO 2005124442-A 422 29-DEC-2005;
Galapagos N.V. (BE)
Location/Qualifiers
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Mol Lype="unasakjaed DNA"
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Seguence 128 from Patent WO02100896.
AX657415
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Matches 17; Conservative
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S Kozian, D. and Reuner, B.

Two-color differential display as a method for detecting regulated
Two-color differential display as a method for detecting regulated
Two-color differential display as a method for detecting regulated
Two-color differential display as a method for detecting regulated
Two-color differential display as a method for detecting regulated
OS Unidentified
NO SUG-2002
PP 2002-524088-A/2
PP 06-AUG-2002
PP 200-SUG-1998 DE 198 40 731.9
PP 07-SEP-1998 DE 1998 40 731.9
PP 07-SEP-1998 AD 1998 AD 1998 AD 1998 AD 1998 AD 1998 AD
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SAMULL UMANSKY,HOVSEP MELKONYAN
PC C12N15/12,C12N15/62,C07K14/47,C07K16/18,C12Q1/68,G01N33/53, PC
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Two-color differential display as a method for detecting regulated
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Topology: Linear;
Gene family encoding apoptosis-associated peptides, peptides
encoded
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1 (bases 1 to 17)
Umansky, S. and Melkonyan, H.
Gene family encoding apoptosis-associated peptides, peptides encoded thereby and method of using the same
Patent: JP 2002516564-A 6 04-JUN-2002;
TANOX INC
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Location/Qualifiers
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Key Location/Qualifiers

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/db_xref="taxon:32644"
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Gaps

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PAT 15-DEC-2005

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Krieg,A.M.
Immunostimulatory nucleic acids for inducing il-10 responses
Patent: WO 2005111057-A 29 24-NOV-2005;
Coley Pharmaceutical GmbH (DE); Coley Pharmaceutical Group, Inc. (US)
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    1.7
/note="where the linkages between bases are
phosphorothioate linkages"

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/note="Synthetic oligonucleotide"
1. .17
/note="where the linkages between bases are phosphorothioate linkages"

    17
/note="where the linkages between bases are
phosphorothioate linkages"

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Mol type="unassigned DNA"
Ab refe"texon:32630"
/do.srefe"texon:32630"
/noce="Synthetic oligonucleotide"
                                                                    Query Match 0.6%; Score 15.4; DB 1; Best Local Similarity 94.1%; Pred. No. 6.3e+02; Matches 16; Conservative 0; Mismatches 1;

    17 .17 /organism="synthetic construct"

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other sequences; artificial sequences.
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    1.7
    /note="where all linkages between bases are
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    .17
    forganism="synthetic construct"
|mol_type="unassigned DNA"
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/organism="synthetic construct"
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/db_xref="teaxon:32630"
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                                   1. .17
/organism="unidentified"
/mol_type="genomic DNA"
/do_xref="taxon:32644"
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PAT 15-DEC-2005

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Aeomica, Inc. (US)
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Four human zinc-finger-containing proteins: mdz3, mdz4, mdz7 and mdz12
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Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini,
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Immunostimulatory nucleic acids for inducing il-10 responses
Patent: WO 2005111057-A 59 24-NOV-2005;
Coley Pharmaceutical GmbH (DE); Coley Pharmaceutical Group, Inc. (US)
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              Query Match
0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
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0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
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Aeomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
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Acomica, Inc. (US)
Location/Qualifiers
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AX692524
Sequence 5256 from Patent EP1281758.
AX692524
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                             RESULT 778
                                                                      DEFINITION
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KEYWORDS
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                                           E32452/c
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                                                                                               Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Buarchontoglires, Primates, Catarrhini,
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CI2N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
                                                                                                                                                   Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
mdz12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JP 200037190-A/11.
Synthetic construct
synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 18)
Jun, N., Yusuke, N. and Toshihiro, T.
Mammal-derived tissue specific physiologically active protein
Patent: JP 2000037190-A 11 08-FEB-2000;
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0
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Pred. No. 6.5e+02;
0; Mismatches 1; Indels
 linear
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C12N5/00,C12N15/00,(C12N5/00,C12R1:91)
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94.1%; Pred. No. 6.3e+02;
tive 0; Mismatches 1;
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/organism="synthetic construct"
 DNA
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Aeomica, Inc. (US)
Location/Qualifiers
17 bp DN
Sequence 5260 from Patent BP1281758.
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1. 18
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JP 2000037190-A/11
08-FEB-2000
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                                        AX692528:1 GI:29415486
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E32451.1 GI:13018687
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Best Local Similarity 94.1%;
Matches 16; Conservative C
                                                                    Homo sapiens (human)
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E32451/c
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C12N15/00,
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C12N15/00,
C12N5/00,C12N15/00,(C12N5/00,C12R1:91)
                                          JUN NISHIU, YUSUKE NAKAMURA, TOSHIHIRO TANAKA
C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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18 bp DNA linear PAT 18-JUN
Mammal-derived tissue specific physiologically active protein.
E32452
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1 (bases 1 to 18)
Jun,N., Yusuke,N. and Toshihiro,T.
Mammal-derived tissue specific physiologically active protein
Patent: JP 2000031190-A 14 08-FEB-2000;
JAPAN TOBACCO INC
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Mammal-derived tissue specific physiologically active protein.
E32454
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Location/Qualifiers
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JP 2000037190-A/14
08-FEB-2000
23-JUL-1998 JP 199822528
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PC C1
PC C1
CC C1
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C12221/02,C12P21/08//(C12N5/10,C12R1:91),(C12P21/08,C12R1:91),
C12N15/00,
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C12N15/00,
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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Synthetic construct
other sequences, artificial sequences.
other sequences, artificial sequences.

E 1 (bases 1 to 18)
Mammal-derived tissue specific physiologically active protein
Mammal-derived tissue specific physiologically active protein
L Patent: JP 2000037190-A 18 08-FEB-2000;
OS Artificial Sequence
PN JP 2000037190-A/18
PP 23-JUL-1998 JP 1998225228
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Mammal-derived tissue specific physiologically active protein.
Mammal-derived tissue specific physiologically active protein Patent: JP 2000037190-A 17 08-FEB-2000; JAPAN TOBACCO INC
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Location/Qualifiers
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JP 2000037190-A/17
08-FEB-2000
23-JUL-1998 JP 1998225228
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E32458.1 GI:13018694
JP 2000037190-A/18.
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Mammal-derived tissue specific physiologically active protein.
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JP 2000037190-A/15.
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CIZNI5/09, CO7K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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Mammal-derived tissue specific physiologically active protein.
E32457
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1 (bases 1 to 18)
Jun, N., Yusuke, N. and Toshihiro, T.
Mammal-derived tissue specific physiologically active protein
Datent: JP 2000037190-A 15 08-FEB-2000;
JAPAN TOBACCO INC
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0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
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C12N5/00,C12N15/00,(C12N5/00,C12R1:91)
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                              Location/Qualifiers
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JP 2000037190-A/17.
synthetic construct
synthetic construct
other sequences; artificial sequences.
1 (bases I to 18)
Jun,N., Yusuke,N. and Toshihiro,T.
                              Key
primer_bind (1)..(18).
Location/Qualifiers
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JP 2000037190-A/15
08-FEB-2000
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RESULT 781 E32457/c

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REFERENCE AUTHORS TITLE JOURNAL

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PAT 06-DEC-2004
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Mol 1ype="unassigned RNA"
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/noTe="Description of Artificial Sequence: siNA antisense
                                                        Mcswiggen, J., Bharat, C. and Haeberli, P.
RNA interference mediated inhibition of Severe Acute Respiratory
Syndrome (SARS) virus gene expression using short interfering
Nucleic Acid (siNA)
Patent: WO 2004092383-A 177 28-OCT-2004;
Sirna Therapeutics, Inc. (US)
Location/Qualifiers
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Mt. interference mediated inhibition of Severe Acute Respiratory
Syndrome (SAS) virus gene expression using short.interfering
Nucleic Acid (SINA)
Patent: WO 2004/092383.A. 1828 28-OCT-2004;
Sirna Therapeutics, Inc. (US)
Location/Qualifiers
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/db_xref="taxon:32610"
/note="pescription of Artificial Sequence: Target
Sequence/siNA sense region"
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94.1%; Pred. No. 6.8e+02;
tive 0; Mismatches 1;
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CQ961673.1 GI:56401953
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Sequence 3718 from Patent WO0129262.
AX118595. GI:14035546
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CQ961673/c
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 6537751-A 4910 25-MAR-2003;
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Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Primer"
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CQ960022
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                                                                                 18 bp DN.
Sequence 4910 from patent US 6537751.
AR293175.
AR293175.1 GI:31680459
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synthetic construct
other sequences; artificial sequences.
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/organism="unknown"
/mol_type="genomic DNA"
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Best Local Similarity 94.1
Matches 16; Conservative
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RESULT 784 AX115587/c LOCUS

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ACCESSION VERSION KEYWORDS

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AR429726/c
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Submitted (26-SEP-2001) Eiichi Akahoshi, Corporate Research & Submitted (26-SEP-2001) Eiichi Akahoshi, Advanced Materials & Development Center, Toshiba Corporation, Advanced Materials & Devices Laboratory; 1, Komukai Toshiba-cho, Saiwai-ku, Kawasaki, Kanagawa 212-8582, Japan (E-mail:eiichi.akahoshi@toshiba.co.jp, Tel:81-44-549-2113)
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0.6%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 6.8e+02;
Matches 16; Conservative 0; Mismatches 1;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/dol_type="taxon:32630"
1. .19
                                                      /organism="synthetic construct"
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/db_wref="taxon:32630"
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1 (bases 1 to 16)
Ogawara,T., Suzuki,M. and Ozaki,K.
TSA7005 gene
Patent: JP 2001025389-A 3 30-JAN-2001;
OTSUKA PHARMACEUT CO LTD
Patent: WO 0129262-A 3718 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Oligonucleotide primers
Unpublished
2 (bases 1 to 19)
Akahoshi,E.
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JP 2001025389-A/3.
unidentified
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Best Local Similarity 94.1
Matches 16; Conservative
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TSA7005 gene.
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Kozian,D. and Reuner,B.
Two-color differential display as a method for detecting regulated
OS Unknown
PN JP 2011025389-A/3
PD 30-JAN-2001
PF 15-JUL-1999 JP 1999201279
PF 15-JUL-1999 JP 1999201279
PP TSUYOSHI OGAMRA, MIKIO SUZUKI, KOICHI OZAKI
PC C12N15/09, C07K14/47, C12N1/115, C12N1/19, C12N1/21, PC
C12NS/10/A61K31/00,
PC A61K38/00, A61K48/00, C12P21/02, C12N15/00, C12N5/00, A61K37/02 CC
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Kozian,D. and Reuner,B.
Two-color differential display as a method for detecting regulated
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Patent: US 6645741-A 2 11-NOV-2003;
Aventis Pharma Deutschland GmbH; Frankfurt am Main;
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0.6%; Score 15.2; DB 1;
Best Local Similarity 93.8%; Pred. No. 6.2e+02;
Matches 15; Conservative 1; Mismatches 0;
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/organism='Unknown'
Location/Qualifiers
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Location/Qualifiers
1 .17
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Sequence 2 from patent US 6645741.
AR429726
AR429726.1 GI:40190064
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/db_xref="taxon:32644"

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AR034898
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1 (bases 1 to 15)

1 kirschbein, B.L., Pearon, K.L., Gryaznov, S.M., McCurdy, S.N., Nirschbein, B.L., Pearon, K.L., Gryaznov, S.M., McCurdy, S.N., Nelson, J.S. and Schultz, R.G. Synthons for synthesis of oligonucleotide N3-P5 phosphoramidates Patent: US 5859233-A 3 12-JAN-1999;

Location/Qualifiers
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1 (bases 1 to 15)

Hirschbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N.,
Nelson, J.S. and Schultz, R.G.
Synthons for synthesis of oligonucleotide N3-P5 phosphoramidates
Patent: US 585923.34 4 12-JAN-1999;
Location/Qualifiers
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    /mol_type="unassigned DNA"

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/mol_type="unassigned DNA"

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                                                                                                                                                                                                                           AR029402 15 bp
Sequence 3 from patent US 5859233.
AR029402 GI:5941375
                                                   /mol_type="genomic DNA"
             Location/Qualifiers
                         1. .17
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Matches 15; Conservative
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1 (bases 1 to 15)
Chatchain,F. and Kumarev,V.
Process for preparing polynucleotides on a solid support in a tightly packed bed
Patent: US 5869643-A 16 09-FBB-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                             Gaps
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                                                                                                      Unknown.
Unknown.
Unclassified.

1 (bases 1 to 15)
Chatclain,F and Kumarev,V.
Process for preparing polynucleotides on a solid support in rightly packed bed
tightly packed bed
Patent: US 5869643-A 10 09-FEB-1999;
Location/Qualifiers
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1 (bases 1 to 15)

1 (bases 1 to 15)

Reclerc(6, and Martel, R.

Radiolabeled DNA oligonucleotide and method of preparation

Patent: US 5821354-A 2 13-OCT-1998;

Location/Qualifiers
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15 bp 1
Sequence 10 from patent US 5869643.
AR034895
AR034895.1 GI:5950500
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0.5%; Score 15; UB
Best Local Similarity 100.0%; Pred. No. 6.2
Matches 15; Conservative 0; Mismatches
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Sequence 16 from patent US 5869643.
AR034898
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Sequence 2 from patent US 5821354.
AR048768
AR048768.1 GI:5971111
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AUTHORS
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PAT 29-SEP-1999

RESULT 797

ACCESSION VERSION KEYWORDS SOURCE

REFERENCE AUTHORS

TITLE JOURNAL

FEATURES

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Unknown.
Unclassified.
Unclassified.
I (bases I to 15)
Pecker, I., Vlodavsky, I. and Feinstein, B.
Polynucleotide encoding a polypeptide having heparanase activity and expression of same in transduced cells
Patent: US 5968822-A 5 19-0CT-1999;
Location/Qualifiers
I. .15
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Unclassified.
1 (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
                                                                                                        Unknown.
Unclassified.
1 (bases 1 to 15)
Grimm, S., _Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
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Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 362 17-NOV-1998;
                                                                                                                                                                        Draper K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 361 17-NOV-1998;
Location/Qualifiers
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15 bp Dl Sequence 361 from patent US 5837542. AR056157 GI:5981734
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Sequence 362 from patent US 5837542.
AR056158.1 GI:5981735
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Sequence 5 from patent US 5968822.
AR080676
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Hirschbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N.,
Helson, J.S. and Schultz, R.G.
Solid phase synthesis of oligonucleotide N3'-P5' phosphoramidates
Patent: US 5824793-A 4 20-OCT-1998;
                                                                                                                                                                                                                                                                                                                                                                                   Unclassified.

1 (bases 1 to 15)

Hirschbein, B.L., Fearon, K.L., Gryaznov, S.M., McCurdy, S.N.,

Hirschbein, B.L., Schultz, R.G.

Solid phase synthesis of oligonucleotide N3'-P5' phosphoramidates

Patent: US 5824793-A 3 20-OCT-1998;

Location/Qualifiers
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                                                                        Query Match 0.5%; Score 15; DB 1; Length 15; Best Local Similarity 100.0%; Pred. No. 6.2e+02; Matches 15; Conservative 0; Mismatches 0; Indels
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PAT 31-AUG-2000

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1. .15
/organism="unknown"
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      GI:12820046
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1 (bases 1 to 15)

1 (bases 1.c Oassin,P.J., Rampal,J.B. and Caskey,C.Thomas. Oligomucleotide repeat arrays
Patent: US 5981185-A 5 09-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 15)
Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 9 09-NOV-1999;
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                                      Query Match 0.5%; Score 15; DB 1; Length 15, Best Local Similarity 100.0%; Pred. No. 6.2e+02; Matches 15; Conservative 0; Mismatches 0; Indels
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/organism="unknown"
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/mol_type="unassigned DNA"
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/organism≈"unknown"
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Sequence 5 from patent US 5981185.
AR084516.1 GI:10011287
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AR084520
AR084520.1 GI:10011291
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1 (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 34 17-OCT-2000;
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Unclassified.
1 (best 1 to 15)
Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
Draper, K.G.
Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule.1 (ICAM-1)
Patent: US 6132967-A 362 17-OCT-2000)
Unknown.
Unknown.
Unclassified.
1 (bases 1 to 15)
Dellinger, D. C., Ilsley, D. D., Ach, R. A. and Troll, M. A. Hybridization assay signal enhancement
Pybridization assay signal enhancement
Patent: US 6103474-A 4 15-AUG-2000;
Location/Qualifiers
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/organism="unknown"
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1 (bases I to 15)

Pecker, I., Vlodavsky, I. and Elena, F.

Polynucleotide encoding polypeptide having heparanase activity and expression of the polypeptide in induced cell Patent: JP 2001514855-A 5 18-SEP-2001;

E. DEVELOPMENT LTD.
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PR 02-SEP-1997 US 08/922170,02-JUL-1998 US 09/109386 PI

IRIS PECKER, ISRAEL VLODANSKY, FEINSTEIN ELENA

PC CIZNIS/09,A61K38/00,A61P9/10,A61P17/00,A61P29/00,A61P35/00, PC
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Antiviral anticancer poly-substituted phenyl derivatized
Oligoribonuclectides and methods for their use
Patent: US 6291438-A 1 18-SEP-2001;
Location/Qualifiers
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CC Polynucleotide encoding polypeptide having heparanase activity
CC axpression of the polypeptide in induced oc
            DB 1; Le
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           Query Match 0.5%; Score 15; DB Best Local Similarity 100.0%; Pred. No. 6.2 Matches 15; Conservative 0; Mismatches
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/mol_type="unassigned DNA"
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ARQUENCE 1 from patent US 6291438.
AR170375 GI:17908334
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BD074424.1 GI:22620027
JP 2001514855-A/5.
unidentified
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JP 2001514855-A/5
18-SEP-2001
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Unclassified.
1 (bases 1 to 15)
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Synthetic construct
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Swynthetic construct
Synthetic construct
Swynthetic construct
cother sequences, artificial sequences.

E 1 (bases 1 to 15)
S Montforte, J.A., Becker, C.H., Pollart, D.J. and Shaler, T.A.
Releasable nonvolatile mass-label molecules
Releasable nonvolatile mass-label molecules
L patent: JP 2001524608-A 5 04-DEC-2001;
GENETRACE SYSTEMS INC
OS Artificial Sequence
PN JP 2001524808-A/5
PD 04-DEC-1997 JP 1998526924
PR 10-DEC-1997 US 60/033037, 16-MAY-1997 US 60/046719 PI
JOSEPH A MONTFORTE, CHRISTOPHER H BECKER, DANIEL J POLLART, PI
THOWAS A SHALER
THOMAS A SHALER
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Method and detector for identifying subtypes of human papiloma
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2 H01J49/00,C07H21/04,C07K15/26,C07K15/28

C Description of Artificial Sequence: oligo dT15 primer FH

Location/Qualifiers
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                                                                                                                                                                                     Length 15;
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              /organism='Nucleic acid'
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Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 0;
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JP 2002360271-A/647.
synthetic construct
synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 15)

    .15
    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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Gaps

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In (bases I to 15)

Blatt,L., Mcswiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.

Enzymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection

In Patent: JP 2002512791-A 3078 08-MAY-2002;

RIBOZYWE PHARMACEUTICALS INC

OS HEPATILIS virus (hepatitis C virus)

PD 08-MAY-2002

PP 26-APR-1999 JP 2000545991

PR 27-APR-1999 US 60/0084291

PR 27-APR-1999 US 60/008217,18-SEP-1998 US 60/100842 PR 25-FEB-1999 US 09/257608,23-MAR-1999 US 09/274553 PI

LAMRENCE BLATT,JAMES A MCSWIGGEN,ELISABETH ROBERTS, PAMELA A PI
                                                                                                                                                                                                                                                                                                                                                                                                                                     buzuy488 17-JUL-2003
Enzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection.
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A61K37/66,
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/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
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/organism="unidentified"
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                                                                                                        /mol_type="genomic RNA"
/db_xref="taxon:32644"
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CQ832330/c
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PN JP 20036021-A/647
PD 17-DEC-2002
PF 28-NOV-2001 JP 2001362595
PR 04-MAY-2001 TW 90110785
PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-PI HARNG LEE,
PI SHENG-HSIUNG LEE, YI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-PI WENS SHI,
PI CHIN-XIN YEH, YI-FENG CAO, CHIH-LONG PAN
PC C12N15/09, C12N15/09, C12N15/09, C12N1/64, C12Q1/04, C12Q1/04, C12Q1/68 PC
C12O1/70, G101N33/53, G10N33/574, G01N33/59, G01N37/500/(C12N1/34, C12R1:93), C12Q1/70, C1Q1/20, C12Q1/70, C1Q1/20, C1Q
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Blatt,L., Mcswiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.
Braymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection
Patent: JP 2002512791-A 22 08-MAY-2002;
RIBOZYME PHARMACEUTICALS INC
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A61K37/66,
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PF 26-APR-1999 UP 2000545991
PR 27-APR-1999 US 60/100842 PR 25-PEB-1999 US 09/274553 PI LAWRENCE BLATT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAWELA A PI PRVCO, PI DENNIS MACEJAK
PC C12N9/00 A61K31/7105, A61K38/21, A61W3/66, PC C12N15/00
CC FF--
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Ling, C., Lin, R., Yoo, Z., Huang, X., Lee, B., Lee, S., Lin, Y.,
Huang, C., Hsu, H., Shi, C., Yeh, C., Cao, Y. and Pan, C.
Method and detector for identifying subtypes of human papiloma
Patent: JP 2002360271-A 647 17-DEC-2002;
KING CAR FOOD INDUSTRIAL CO LTD
OS Artificial Sequence
PN JP 2002360271-A/647
PP 17-DEC-2001 JP 2001362595
PR 28-NOV-2001 TW 90110785
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Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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to hepatitis C virus infection.
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BD206432.1 GI:33016202
JP 2002512791-A/22.
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                                                                    Arar, K. Methods and compositions for the tandem synthesis of two or more oligonuleotides on the same solid support Patent: WO 2004058794-A 13 15-JUL-2004; Proligo LLC (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pecker, I., Vlodavsky, I. and Feinstein, E.
A nucleic acid antisense sequence to a polynucleotide encoding
polypeptide having heparanese activity
Patent: EP 1439226-4 5 21-JUL-2004;
Insight Biopharmaceuticals Ltd. (IL); HADASIT MEDICAL RESEARCH
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Antibody directed to polypeptide having heparanase activity
Patent: EP 1439193-A 5 21-JUL 2004;
Insight Biopharmaceuticals Ltd. (IL); HADASIT MEDICAL RESEARCH
SERVICES AND DEVELOPMENT LTD.
Location/Qualifiers
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
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U.53; V.--
Best Local Similarity 100.0%; Pred. No. 6.2
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Sequence 5 from Patent EP1439226.
CQ840854.1 GI:50838429
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Sequence 5 from Patent EP1439193.
CQ840762
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CQ840762/c
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/organism="synthetic construct"
/on_Lype="unassigned DNA"
/db_xref="taxon:32630"
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/mol type="unassigned DNA"
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100.0%; Pred. No. 6.2e+02;
rative 0; Mismatches 0; Indels
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Sequence 336 from Patent EP1502950.
CS002308
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/mol_type="unassigned DNA"
SERVICES AND DEVELOPMENT LTD. (IL)
Location/Qualifiers
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Sequence 5 from Patent EP1489183.
CQ971639.1 GI:57163099
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Best Local Similarity lov.v.
The 15; Conservative
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PAT 05-MAY-2005

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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Buarchontoglires, Primates, Catarihini,
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01-MAY-2002 KR T/KR02/00816,08-DEC-2001 KR T/KR01/02133
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Patent: JP 2005511096-A 54 28-APR-2005;
Seegene Inc
OS Artificial Sequence
PD 28-APR-2005
PF 19-SEP-2002 JP 2003551326
PR 01-MAY-2002 KR T/KR02/00816.08-DBC-2002
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Novel antisense oligomers and use thereof
Patent: WO 2005033694-A 1 14-APR-2005;
Universiteit Gent (BE)
Location/Qualifiers
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        /organism="synthetic construct"
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1 (bases 1 to 15)
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JP 2005511096-A/54.
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                    Hominidae; Homo.
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CC oligo-dT15
FH Key
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Method for detecting analytes based on evanescent illumination and scatter-based detection of nanoparticle probe complexes
Patent: WO 2005008222-A 18 27-JAN-2005;
                                                                                 Gaps
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0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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Method for purifying chemically modified RNA
Patent: EP 1502950-A 338 02-FEB-2005;
Ribozyme Pharmaceuticals, Inc. (US)
Location/Qualifiers
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0.5%; Score 15; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 0;

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    forganism="synthetic construct"
/mol type="unassigned DNA"
    /db_xref="taxon:32630"

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CS048833
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CS002310
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synthetic construct
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ACCESSION VERSION KEYWORDS

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PAT 23-NOV-2005

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ACCESSION VERSION KEYWORDS SOURCE ORGANISM REFERENCE AUTHORS

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PAT 06-FEB-1997

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Unknown.
Unclassified.
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Cook, P.D., Delecki, D.J. and Guinosso, C.
Acyclic nucleoside analogs and Oligonucleotide sequences containing
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Unclassified.
1 (bases 1 to 15)
Cook, P. D. and Sanghvi, Y. S.
Wuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression
Patent: US 5614617-A 1 25-MAR-1997;
                                                                                                    /organism='Artificial sequences'.
Location/Qualifiers
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Matches 15; Conservative 0; Mismatches 0;
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Sequence 6 from patent US 5576427.
129068.1 GI:1819859
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Patent: US 5576427-A 6 19-NOV-1996;
Location/Qualifiers
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Sequence 1 from patent US 5614617.
138641.1 GI:2084695
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/organism="unknown"
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C12R1:19);
strandedness: Single;
                               topology: Linear;
hypothetical: No;
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OC Artificial sequences.

PN J99139339-A/7

PD 06-DEC-1994

PF 27-MAY-1993 JP 1993126286

PI TEI ITSUIRU, NAKADA KENGO, ITO TORU, HORIUCHI HIROYUKI, PI AKINORI.

PI TAKAGI MASAMICHI, TSUBURA HIROKAZU, TANAKA HIROSHI, PI ISHIGURO YUKIO

PC C12N9/22,C12N18/52;

CC strandedness: Single;

CC topology: Linear;

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                                                                                                                                                                                              unidentified
unclassified sequences.

1 (bases 1 to 15)
Tel, I., Nakada, K., Ito, T., Horiuchi, H., Ota, A., Takagi, M.,
Tel, T., Nakada, K., and Ishiguro, Y.
Tsubura, H., Tanaka, H. and Ishiguro, Y.
Paribowiciasce Specific To STYLE AND DNA SEQUENCE CODING THEREFOR Patent: JP 1994335389-A 7 06-DEC-1994;
KAGOME CO LTD
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Smull (bases 1 to 15)

Tei,I., Minami,K. and Takagi,M.

S-RIBONUCLEASE GENE AND PROWOTER SEQUENCE

L Patent: JP 1997028381-A 8 04-FEB-1997;

TEI ITSUKIYON, MINAMI KOUKICHI, TAKAGI MASAMICHI OS None

OC Artificial sequences.

PN JP 1997028381-A/8

PP 24-JUL-1995 JP 1995187557

PP TEI ITSUKIXON, MINAMI KOUKICHI, TAKAGI MASAMICHI PC CIZNIS/09, CO7H21/04, CIZNI/21/A01HI/00, CIZNS/10, CIZNI9/22, PC (CIZNI/21,
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/organism='Artificial sequences'.
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JP 1994335389-A/7.
unidentified
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FEATURES

PAT 13-MAY-1997

DEFINITION ACCESSION VERSION KEYWORDS SOURCE

ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

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RESULT 823 E12591/c

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Gaps

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Unclassified.

1 (bases 1 to 15)

McClelland,M., Welsh,J. and Trenkle,T.

Reduced complexity nucleic acid targets and methods of using same Patent: US 6495319-A 68 17-DEC-2002;
Sidney Kimmel Cancer Center; San Diego, CA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           I (bases 1 to 15)
Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.H.
Peptide nucleic acid.
Patent: US 6395474-A 17 28-MAY-2002;
Location/Qualifiers
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Matches 15; Conservative 0; Mismatches 0; Indels
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Unclassified.

S Kurz,M., Lohse,P. and Wagner,R.

Peptide acceptor ligation methods

Patent: US 6429300-A 21 06-AUG-2002;

Phylos, Inc.; Lexington, MA

Location/Qualifiers

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AR266630

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/organism="unknown"
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Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.H.
Use of nucleic acid analogues in diagnostics and analytical
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1 (bases 1 to 15)
Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.H.
Use of nucleic acid analogues in diagnostics and analytical
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Patent: US 6357163-A 20 19-MAR-2002;
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Sequence 21 from patent US 6429300.
AR222461. GI:23329992
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Location/Qualifiers
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Sequence 19 from patent US 6357163.
AR200476
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AR200476/c
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RESULT 831 AR371281 LOCUS DEFINITION source

FEATURES

REFERENCE AUTHORS TITLE JOURNAL

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1 (bases 1 to 15)
Pecker, I., Vlodavsky, I. and Feinstein, E.
Polynuclectide encoding a polypeptide having heparanase activity and expression of same in genetically modified cells
Patent: US 6664105-A 5 16-DEC-2003;
Insight Strategy & Marketing Ltd. and Hadasit Medical Research Services and Development Ltd.; Rehovot;
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Unclassified.

(bases I to 15)

Goldshmidt,O., Pecker,I., Vlodavsky,I., Michal,I. and Zcharia,E.

Goldshmidt,O., Pecker,I., Vlodavsky,I., Michal,I. and Poppeptide
Avian and reptile derived polynucleotide encoding a polypeptide
having heparanase activity
Patent: US 6677137-A 5 13-JAN-2004;
Insight Strategy & Marketing Ltd. and Hadesit Medical Research
Services and Development Ltd.; Rehovot;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Reagents for oligonucleotide cleavage and deprotection Patent: US 6664388-A 2 16-DEC-2003; Applera Corporation; Foster City, CA Location/Qualifiers
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Sequence 2 from patent US 6664388.
AR439678
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Sequence 5 from patent US 6677137.
AR422072 GI:42683499
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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AR452072/c
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Unclassified.
1 (bases 1 to 15)
Monforte, J.A., Becker, C.H., Pollart, D.J. and Shaler, T.A.
Releasable nonvolatile mass label molecules
Patent: US 6635452-A 9 21-OCT-2003;
Sequenom Inc.; San Diego, CA
Location/Qualifiers
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Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.H.
Peptide nucleic acids
Patent: US 6395474-A 18 28-MAY-2002;
Location/Qualifiers
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Sequence 18 from patent US 6395474.
AR371281.1 GI:34608213
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Sequence 5 from patent US 6664105.
AA438809
AR438809.1 GI:42663812
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Sequence 9 from patent US 6635452.
AR410213
AR410213.1 GI:40161460
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/mol_type="genomic DNA"
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RESULT 832 AR410213/c DEFINITION

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PAT 20-FEB-2004

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PAT 15-MAY-2004

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Unknown.
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Unclassified.
1 (bases 1 to 15)
Pecker,I., Vlodavsky,I. and Feinstein,E.
Polynucleotide enroding a polypeptide having heparanase activity and expression of same in genetically modified cells
Patent: US 6790658-A 14-SEP-2004;
InSight Biopharmaceuticals Ltd., and Hadasit Medical Research Services and Development Ltd.; Rehovot;
                       Unknown.
Unclassified.
1 (bases 1 to 15)
Buchardt,0., Buchardt,D., Egholm,M., Nielsen,P.E. and Berg,R.H.
Synthetic procedures for peptide nucleic acids
Patent: US 6713602-A 17 30-MAR-2004;
Location/Qualifiers
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Unclassified.
Unclassified.
Unclasser 1 to 15)
Buchardt, O., Buchardt, D., Egholm, M., Nielsen, P.E. and Berg, R.H.
Syntheric procedures for peptide nucleic acids
Patent: US 6713602-A 18 30-MAR-2004;
Location/Qualifiers
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Sequence 18 from patent US 6713602.
AR491113.1 GI:47258973
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Sequence 5 from patent US 6790658.
ARS81375 GI:56612224
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Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.H.
Peptide nucleic acid synthons
Patent: US 6710163-A 17 23-MAR-2004;
Location/Qualifiers
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Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.H.
Peptide nucleic acid synthons
Patent: US 6710163-A 18 23-MAR-2004;
Location/Qualifiers
                          Query Match 0.5%; Score 15; DB 1; Length 15; Best Local Similarity 100.0%; Pred. No. 6.2e+02; Matches 15; Conservative 0; Mismatches 0; Indels
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Sequence 17 from patent US 6710163.
AR489501. GI:47256526
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AR489502
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1 (bases 1 to 15)
Uhlmann, E. and Breipohl, G.
Polyamide-oligonucleotide derivatives, their preparation and use patent: US 6919441-A 55 19-UUL-2005;
Aventis Pharma Deutschland GmbH; Frankfurt;
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Unclassified.
1 (bess 1 to 15)
Uhlmann,E. and Breipohl,G.
Polyamide-oligonucleotide derivatives, their preparation and use patent: US 6919441-A 54 19-UUL-2005;
Aventis Pharma Deutschland GmbH; Frankfurt;
DEX;
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Marraccini, P. and Rogers, J.
Coffee mannanase
Patent: US 6841662-A 4 11-JAN-2005;
Mostec S.A.; Vevey;
                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 54 from patent US 6919441.
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Sequence 55 from patent US 6919441.
AR699884.1 GI:75205795
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AR699884/c
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Unclassified.

E 1 (bases 1 to 15)

R Chatelain, F. and Kumarev, V.

Apparatus for preparing polymucleotides on a solid support Apparatus 6825339-A 16 30-NOV-2004;

Proligo, LLC; Boulder, CO

Location/Qualifiers
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Unknown.
Unclassified.
E 1 (bases 1 to 15)
RS Chatelain,F and Kumarev,V.
Apparatus for preparing polynucleotides on a solid support Apparatus for protein go. LLC; Boulder, CO
Proligo, LLC; Boulder, CO
Location/Qualifiers
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Sequence 10 from patent US 6825339.
AR612295.1 GI:56667949
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Sequence 16 from patent US 6825339.
AR612298
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Sequence 4 from patent US 6841662.
AR630722 AR630722.1 GI:59766677
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AR612295/c
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PAT 14-SEP-2005

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Efimov, V., Fernandez, J., Archdeacon, D., Archdeacon, J.,
Chakhmakhcheva, O., Buryakova, A., Choob, M. and Hondorp, K.
Oligonucleotide analogues, methods of synthesis and methods of use
Patent: US 6962906-A 10 08-NOV-2005;
Active Motif; Carlsbad, CA
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Bayer, E. and Schewitz, J.
Method for isolating anionic organic substances from aqueous systems using cationic polymer nanoparticles
Patent: WO 9910277.4 6 04-WAR-1999;
SUBDDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (DE)
Location/Qualifiers
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/organism="synthetic construct"
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/noTe="3' palmityl modified oligonucleotide"
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Sequence 10 from patent US 6962906.
AR762891
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Sequence 6 from Patent W09910527.
AX004877.1 GI:9928277
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Sequence 4 from Patent WO0028046.
AX026066

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Pecker, I., Vlodavsky, I. and Feinstein, E.
Polynucleotide encoding a polypeptide having heparanase activity and expression of same in genetically modified cells
Patent: US 6960471-A 5 01-NOV-2005;
InSight Biopharmaceuticals Ltd. and Hadasit Medical Research Services and Development Ltd.; Rehovot;
                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 15)
Dempcy, R.O., Afonina, I.A. and Vermeulen, N.M.J.
Dempcy, R.O., Afonina, I.A. and Vermeulen, N.M.J.
Hybridization-triggered fluorescent detection of nucleic acids
Patent: US 6951930-A 23 04-OCT-2005;
Epoch Biosciences, Inc.; Bothell, WA
Location/Qualifiers
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AR723998
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Sequence 5 from patent US 6960471.
AR760731 GI:83328580
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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RESULT 847 AR760731/c

Query Match

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Gaps .. 0 PAT 30-MAY-2001

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Schmidt,W., Hiller,R., Huber,M. and Mueller,M.
Branched compound for use in nucleic acid detection and analysis
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Branched compound for use in nucleic acid detection and analysis
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Patent: EP 1111068-A 4 27-JUN-2001;
LION Bioscience AG (DE) ; VBC Genomics GmbH (AT)
Location/Qualifiers
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Patent: EP 1111068-A 3 27-JUN-2001;
LION Bioscience AG (DE) ; VBC Genomics GmbH (AT)
Location/Qualifiers
Query Match 0.5%; Score 15; DB 1; Lo
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 0;
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|mol_type="unassigned DNA"
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Sequence 4 from Patent EP1111068.
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AX127273.1 GI:14133347
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Sequence 3 from Patent EP1111068.
AX127272
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Detection system for separating constituents of a sample and production and use of the same
Patent: WO 007147-A 6 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
Location/Qualifiers
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Patent: WO 0028046-A 4 18-MAY-2000;
NESTLE SA (CH); MARRACCINI PIERRE (FR); ROGERS JOHN (FR)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="gynthetic construct"
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Sequence 26 from Patent WO0125442.
AX106973
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Sequence 6 from Patent WO0071747.
AX048407
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/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
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/note="stem of branched oligonucleotide - base 1 modified
Modification is (NH2-C6-TTT)2-branch-"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="stem of branched oligonucleotide - base 1 modified
Modification is (dT-COOH)2-branch-"
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Branched compound for use in nucleic acid detection and analysis
reactions
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Branched compound for use in nucleic acid detection and analysis
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LION Bioscience AG (DE)
Location/Qualifiers
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Patent: WO 0146464-A 4 28-JUN-2001;
LION Bioscience AG (DE)
Location/Qualifiers
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Sequence 4 from Patent WO0146464.
AX180141
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Seguence 3 from Patent WO0146464.
AX180140
Best Local Similarity 100.0%; P
Matches 15; Conservative 0;
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Methods for detecting mutations
Patent: WO 02066675-A 1 29-AUG-2002;
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V. (DE)
Location/Qualifiers
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Patent: EP 1201765-A 1 02-MAY-2002;
Axxima Pharmaceuticals Aktiengesellschaft (DB)
Location/Qualifiers
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/db_xref="taxon:32630"

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Sequence 1 from Patent WO02066675.
AX525141
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Sequence 3 from Patent WO02066675.
AX525143 GI:25170128
AX429224 15 bp Sequence 1 from Patent EP1201765.
AX429224
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Method and reagent for inhibiting the expression of disease related
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Sequence 476 from Patent EP1288296.
AX711176.1 GI:29787557
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Sequence 6 from Patent WO03008643.
AX696087

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                              Kahmann, S. and Mueller, O.
Methods for detecting mutations
Patent: WO 02066675-A 3 29-AUG-2002;
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V. (DE)
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/organism="synthetic construct"
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/db_xref="reaxon:32630"
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 other sequences; artificial sequences
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers

    .15
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Sequence 338 from Patent EP1260586.
AX633199
AX633199.1 GI:28468813
                                                                                                                                                                                        /note="lys-Digoxigenin"
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Method and polynukleotides for assaying the activity of a dna modifying enzyme
Patent: WO 03008643-A 6 30-JAN-2003;
Cancer Research Technology Limited (GB)
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/db_xref="taxon:32630"
/note="Polynucleotide 6"
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other sequences; artificial sequences.
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Patent: EP 1260586-A 338 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
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Williams, K.Leslie., Vesey, G., Veal, D., Ashbolt, N. John. and
Dorsch, M.
Method for the detection of viable Cryptosporidium parvum oocysts
Patent: Us 6146855-A 2 14-NOV-2000,
Location/Qualifiers
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Unclassified.
Unclassified.
I (bases to 16)
Kutyavin.I.V. Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6426408-A 3 30-JUL-2002;
Epoch Biosciences, Inc.; Bothell, WA
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Matches 15; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 0;
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ARA41562
AR141562.1 GI:15101078
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Sequence 3 from patent US 6426408.
AR221693.1 GI:23328765
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AR221694/c
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AR141562/c
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Unclassified.
Unclassified.
I (bases 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6426408-A 5 30-JUL-2002;
Epoch Biosciences, Inc.; Bothell, WA
Location/Qualifiers
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Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonuclectide minor groove binder conjugates
Patent: US 6426408-A 4 30-JUL-2002;
Epoch Biosciences, Inc.; Bothell, WA
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Sequence 6 from patent US 6426408.
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AR257440/c
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Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonuclectide minor groove binder conjugates
Patent: 18 64264408-A 8 30-JUL-2002,
Epoch Biosciences, Inc.; Bothell, WA
Location/Qualifiers
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Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonuclectide minor groove binder conjugates
Parent: US 6426408-A 7 30-JUL-2002;
Epoch Biosciences, Inc.; Bothell, WA
Location/Qualifiers
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Sequence 7 from patent US 6426408.
AR221697.
AR221697.1 GI:23328769
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Sequence 8 from patent US 6426408.
AR221698.1 GI:23328770
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Sequence 3 from patent US 6486308.
AR257438 GI:27307449
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AR221698/c
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AR257438/c
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1 (bases 1 to 16)

Kutyavin, I.V., Lukhtanov, E.A., Gamper, H.B. and Meyer, R.B. Jr.

Covalently linked oligonucleotide minor groove binder conjugates

Patent: US 6486308-A 3 26-NOV-2002;

Epoch Biosciences, Inc.; Bothell, WA

Location/Qualifiers
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Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
CovalentIP linked oligonucleotide minor groove binder conjugates
Patent: US 6486308-A 26-NOV-2002;
Epoch Biosciences, Inc.; Bothell, WA
Location/Qualifiers
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Kutyavin,1.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6486108-A 5 26-NOV-21002;
Epoch Biosciences, Inc.; Bothell, WA
Location/Qualifiers
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Sequence 5 from patent US 6486308.
AR257440.
AR257440.1 GI:27307451
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PAT 07-0CT-2005

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RESULT 875

ORGANISM

AUTHORS JOURNAL

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REFERENCE

ACCESSION VERSION KEYWORDS SOURCE

AR257441/c

RESULT 874

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Unknown.
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I (bases 1 to 16)

Xutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonucleotide minor groove binder conjugates
Patent: US 6486308-A 8 26-NOV-2002;
Epoch Biosciences, Inc. Bothell, WA
Location/Qualifiers
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Gunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K., Matsui,K.,
Takahashi,E. and Yokoi,A.
795, a novel gene related to pollen allergy
GENOX RESEARCH INC, TAKESHI MGASU, YUJI SUGITA,TOMOKO KASHIWABARA,
TARAHIRO OSHIDA,MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,
YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI,EIKI
TARAHASHI,AKIRA YOKOI
OS Artificial Sequence
Nu OOGSOSO-A/3
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( bases 1 to 16)

Dempcy.R.O., Afonina,I.A. and Vermeulen,N.M.J.

Hybridization-triggered fluorescent detection of nucleic acids Patent: US 6951930-A 20 04-0CT-2005;

Epoch Biosciences, Inc.; Bothell, WA

Location/Qualifiers
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1795, a novel gene related to pollen allergy.
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other sequences; artificial sequences.
1 (bases 1 to 17)
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Sequence 20 from patent US 6951930.
AR723995.1 GI:77377019
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1 (bases 1 to 16)

Kutyavin,I.V., Lukhtanov,B.A., Gamper,H.B. and Meyer,R.B. Jr.

Kutyavin,I.V., Lukhtanov,B.A., Gamper,H.B. and Meyer,R.B. Jr.

Kutyavin,I.V., Lukhtanov,B.A., Gamper,H.B. and Meyer,R.B. Jr.

Evoralently linked oligonucleotide minor groove binder conjugates

Patent: US 6486308-A 6 26-NOV-2002;

Epoch Biosciences, Inc.; Bothell, WA

Location/Qualifiers
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L (bases 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonuclectide minor groove binder conjugates
Patent: US 6486308-A 7 26-NOV-2002;
Epoch Biosciences, Inc.; Bothell, WA
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 Pred. No. 6.4e+02;
; Mismatches 0;
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Sequence 6 from patent US 6486308.
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Sequence 7 from patent US 6486308.
AR257442
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Sequence 8 from patent US 6486308.
AR257443.1 GI:27307454
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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Best Local Similarity 100.0%; P
Matches 15; Conservative 0;
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AR257441.1 GI:27307452
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Best Local Similarity
Matches 15; Conserv
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Gaps

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PAT 02-AUG-2002

LOCUS

ACCESSION VERSION

KEYWORDS

AR257443/c RESULT 876

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Query Match Best Local S: Matches 15

ઠે 셤 BD011732/c

DEFINITION ACCESSION VERSION KEYWORDS SOURCE

RESULT 879

ORGANISM

AUTHORS REFERENCE

TITLE JOURNAL

COMMENT

source

FEATURES

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KAORU OGAWA, KEIKO MATSUI
C12N15/10, C12Q1/68, G01N33/15, G01N33/50
Description of Artificial Sequence: Artificially Synthesized CC
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Patent: WO 0073435-A 4 07-DEC-2000;
GENOX RESEARCH INC, TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA,
TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI,
YUKITO IMAI, NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI
OS Arrificial Sequence
NO 0073435-A/4
PD 07-DEC-2000
PF 18-MAY-1999 JP 99P 148783
PR 27-MAY-1999 JP 99P 148783
PR 27-MAY-1999 JP 99P 148783
PR 77-MAY-1999 JP 99P 148783
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27-MAY-1999 UP 99P 148783
TAKESHI NAGASU, YUJI SUGITH, TOWOKO KASHIWABARA, TADAHIRO OSHIDA,
MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
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Gunji, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K. and Matsui, K.
dunji, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K. and Matsui, K.
441, a novel gene related to pollen allergy
Patent: WO 0073435-A3 07-DEC-2000;
GENOX RESERRCH INC, TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA,
TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI,
YUKIHO IMAI, NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI
PN WO 0073435-A/3
PD 07-DEC-2000
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441, a novel gene related to pollen allergy.
BD091744
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synthetic construct
short sequences; artificial sequences.
1 (bases 1 to 17)
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synthetic construct
other sequences, artificial sequences.
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JOURNAL
                                                                                                                  RESULT 880
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Synthetic construct

SM synthetic construct

cother sequences; artificial sequences.

E 1 (bases 1 to 17)

S Nagasu, T., Sugita, Y., Kashiwabara, T., Oshida, T., Obayashi, M.,

S Gunji, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K., Matsui, K.,

Takabashi, B. and Yokoi, A.

795, a novel gene related to pollen allergy

D Patent WO 0065050-A 4 02-NOV-2000;

C BALON RESEARCH INC, TAKESHI NAGASU, YUJI SUGITA, TOWOKO KASHIWABARA,

TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI,

YUKHAO IMAI, NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI, EIKI

TAKAHASHI, AKIRA YOKOI

OS Artificial Sequence

PN WO 0065050-A/4
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26-APR-2000 WO 2000JP002734
27-APR-1999 JP 99P 120494
TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
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                                    26-APR-2000 WO 2000JP002734
27-ABR-1999 JP 99P 120449
TAKESHI NAGASU, YUJI SUGTIA TOWOKO KASHIWABARA, TADAHIRO OSHIDA,
MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
                                                                                                                                                                                                                                                                                                                             Description of Artificial Sequence: Artificially Synthesized
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PD 02-NOV-2000
PF 26-APR-2000 WO 2000JP002734
PR 27-APR-1999 JP 99P 120494
PR 27-APR-1999 JP 99P 120494
PI TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OPI MASAYA OBAYASHI, SHIGEMICHI GUNJI, 1ZUMI OBAYASHI, YUKIHO JPI KAORU OGAWA, KEIKO MATSUI, EIKI TAKAHASHI, AKIRA YOKOI PC C12N15/12, C07K14/47, C07K16/18, C12Q1/68, G01N33/50/ A61K31/00, CC Description of Artificial Sequence: Artificially Synthes
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5/12, C07K14/47, C07K16/18, C12Q1/68, G01N33/50//A61K31/00,
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795, a novel gene related to pollen allergy.
BD011732
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/db_xref="taxon:32630"

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PF 26-ANO
PR 27-ANO
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465, a novel gene related to pollen allergy.
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I (bases 1 to 17)

S Nagasur, ". Sugita, Y., Kashiwabara, T., Oshida, T., Obayashi, M.,
Gunji, S., Obayashi, I. Imai, Y., Yoshida, N., Ogawa, K., Matsui, K.,
Takahashi, E. and Yokoi, A.
Takahashi, E. and Yokoi, A.
Takahashi, E. and Yokoi, A.
Tabahiko Oo73439-A 3 07-DEC-2000;
GENOX RESEARCH INC, TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA,
TADAHIKO OSHIDA, MASATA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI,
YUKIHO IMAI, NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI, EIKI
TAKAHASHI, AKIRA YOKOI
OS ATTIFICIAL Sequence
PN WO 0073439-A/3
PD 07-DEC-2000
PP 18-MAY-2000 WO 2000JP003191
PR 27-MAY-1999 JP 99P 148784
PI TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
PI MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
PI NEI YOSHIDA,
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WO 007439-A/3
O7-DEC-2000
18-MAY-2000 MO 2000JP003191
27-MAY-1999 JP 99P 148784
TAKESHI NAGASU, YUJI SUGITA, TOWOKO KASHIWABARA, TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
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465, a novel gene related to pollen allergy.
BD091751
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Pred. No. 6.7e+02;
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Pred. No. 6.7e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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100.0%; Pre
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synthetic construct
synthetic construct
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Best Local Similarity 100.0
Matches 15; Conservative
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Matches 15; Conserv
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AUTHORS
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JOURNAL
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PAT 27-AUG-2002

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BD091752

RESULT 883 BD091752/c LOCUS

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synthetic construct
synthetic construct
other sequences; artificial sequences.

CE 1 (bases 1 to 17)
Nagsau, T., Suglta, Y., Kashiwabara, T., Oshida, T., Obayashi, M.,
Gunji, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K., Matsui, K.,
Takahashi, B. and Yokoi, A.

Takahashi, E. and Yokoi, A.

Gunji, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K., Matsui, K.,
Takahashi, B. and Yokoi, A.

Gunji, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K., Matsui, K.,
Takahashi, B. and Yokoi, A.

Gunji, S., Obayashi, I., Imai, Y., Yoshida, T., Obayashi, M.,

Gunji, S., Obayashi, I., Imai, Y., Yoshida, T., Obayashi, K.,

Takahashi, Patrin Yakashi Nagaxa, Obayashi, Shida, N.,

Takahashi, Akira Yokoi
OSALIBa, Kaoru Ogawa, Keiko Matsui, Eiki
Takahashi, Alia Yoshida, Yali Sugita, Tomoko Kashiwabara, Tabahiro Oshida,
PI Takeshi Nagasu, Yuji Sugita, Tomoko Kashiwabara, Tabahiro Oshida,
PI NEL YOSHIDA,
PI NEL YOSHIDA,
PI NEL YOSHIDA,
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1 (bases 1 to 17)

S Nagasu,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,

Gunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K., Matsui,K.,

Takahashi,E. and Yokoi,A.

787, a novel gene related to pollen allergy

Ratent: WO 0073440-A 3 07-DEC-2000;

GENOX RESEARCH INC,TAKESHI NAGASU,VUI SUGITA,TOWOKO KASHIWABARA,

TADAHIRO OSHIDA,MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,

YUKIHO IMAI,NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI,EIKI

OS ARtificial Sequence

PO 0073440-A/3

PD 07-DEC-2000
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27-MAY-1999 JP 99P 148785
TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI, NEI YOSHIDA,
                                                                                                                                                                                                                                                                                                                                                                                               Artificial Sequence

Artificial Sequence

No 0073439-A/4

PD 07-DEC-2000

PF 18-MAY-1999 JP 99P 148784

PI TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA

PI NASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,

PI NEI YOSHIDA,

PI KAORU OGAWA, KEIKO MATSUI, EIKI TAKAHASHI, AKIRA YOKOI PC

C12N15/12, C12Q1/68, A6187/08, A61K95/00 CC Description

of Artificial Sequence: Artificially Synthesized CC Primer
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787, a novel gene related to pollen allergy.
BD091774
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/db_xref="taxon:32630"
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100.0%; Pred. No. co.
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FEATURES

BD091775/c DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM REFERENCE AUTHORS

TITLE JOURNAL

COMMENT

RESULT 885

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other sequences; artificial sequences.

1 (bases 1 to 17)

1 (bases 1 to 17)

2 Angaeu, T., Oshida, T., Osayashi, I., Mateui, K. and Sait, H.

Method for examination for allergosis

L Patent: WO 0165259-A 7 07-SEP-2001;

GENOX RESERACH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF

NATIONAL CHILDREN'S HOSPITAL, HIROMITSU NAKAUCHI, YUTAKA

FUJIKI, KAZUO FUKAWA, OSAMU KUDO TAKESHI NAGASU, TADAHIRO OSHIDA, IZUMI
OBAYASHI, KEIKO MATSUI, HIROHISA SAITO
OS Artificial Sequence
NW 0165259-A/7

PP 07-SEP-2001
PP 23-FEB-2001 WO 2001JP001372
PR 02-MAR-2000 JP 00P 61832
PR 02-MAR-2000 JP 00P 61832
PR TARESHI NAGASU, TADAHIRO OSHIDA, IZUMI OBAYASHI, KEIKO MATSUI, PI
synthetic construct
other sequences.

E 1 (bases 1 to 1)
S Nagasu,T., Oshida,T., Obayashi,I., Matsui,K. and Sait,H.
S Nagasu,T., Oshida,T., Obayashi,I., Matsui,K. and Sait,H.
Bethod for examination for allergosis
GENOX RESERCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, HIROMITSU NAKAUCHI,YUTAKA
FUJIKI,KAZUO FUXAWA,OSAMU KHOD TAKESHI NAGASU,TADAHIRO OSHIDA,IZUMI
OBAYASHI,KEIKO MATSUI, HIROHISA SAITO
OS Artificial Sequence
NW 0165259-A/6
PD 07-SED-2001
PP 23-FEB-2001
PP 23-FEB-2000 WO 2001JP001372
PR 02-MAR-2000 JPD 00P 61832
PI TAKESHI NAGASU,TADAHIRO OSHIDA,IZUMI OBAYASHI,KEIKO MATSUI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TAKESHI NAGASU, TADAHIRO OSHIDA, IZUMI OBAYASHI, KEIKO MATSUI, PI
HIROHISA SAITO
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C GO1N33/53,C12Q1/68,C12N15/12,G01N33/15,A01K67/027,A61K39/395,
C A61P37/08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 G01N33/53,C12Q1/68,C12N15/12,G01N33/15,A01K67/027,A61K39/395,
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Location/Qualifiers
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organism='Artificial Sequence'
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100.0%; Pred. No. 6.7e+02;
tive 0; Mismatches 0;
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    1. 17
    forganism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

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WO 0165259-A/7.
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Matches 15; Conserv
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Synthetic construct
Synthetic construct
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other sequences; artificial sequences.

1 (bases 1 to 17)
Synthetic construct
other sequences; artificial sequences.

2 1 (bases 1 to 17)
Synthetic construct
Synthetic construct
Other sequences; artificial sequences.

2 1 (bases 1 to 17)
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BY WO 007940-A/4

PU DO DEC-2000

PF 18-MAY-1099 JP 99P 148785

PI TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,

PI MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,

PI NGAYASHI SEIKO MATSUI, EIKI TAKAHASHI, AKIRA YOKOI PC

PI KAORU OSAWA, KEIKO MATSUI, SINI TAKAHASHI, AKIRA YOKOI PC

CI2NI5/12, CI2Q1/68, CI2NS/08, CI2NS/06, CO7K14/415, CC Description of

Artificial Sequence: Artificially Synthesized CC Primer Sequence

FH KEY
      PI KAORU OGAWA, KEIKO MATSUI, EIKI TAKAHASHI, AKIRA YOKOI PC C12NIS/12, C1201/68, C12NS/08, C12NS/06, C07K14/415 CC Description of Artificial Sequence: Artificially Synthesized CC Primer Sequence PH Key
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                 Location/Qualifiers
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DEFINITION ACCESSION VERSION KEYWORDS

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PC C12N1:
C12Q1/68,
PC A01K6
PC G01N3:
PC G01N3:
CC Descr
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PI YUJ
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BD143835/c
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GOIN33/50//C12P21/08,(C12N5/10,C12R1:91),(C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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                                                                                                                                                                                                                                                                                           WO 0224903-A/3.
synthetic construct
synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 17)
Sugita, Y., Hashida, R., Ogawa, K., Fujishima, T., Nagasu, T.,
Fujimoto, G. and Takahashi, E.
Method of examining allergic disease
Patent: WO 0224903-A 3 28-MAR-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, YOUI STGITA, RYOICHI HASHIDA, KAORU
OGGWAN, TOMOKO FUJISHIMA, TAKESHI NAGASU, GOZO TSUJIMOTO, EIKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               25-SEP-2000 JP 00P 291318
YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA,
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Location/Qualifiers
                                                                      0.5%; Score 15; DB 1; Length 17; 100.0%; Pred. No. 6.7e+02; tive 0; Mismatches 0; Indels
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1. .17
/organism="synthetic construct"
/mol type="genomic DNA"
/db_kref="taxon:32630"

    17
    'organism="synthetic construct"
|mol_type="genomic DNA"
    'db_xref="taxon:32630"

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Method of examining allergic disease.
BD142810
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WO 0224903-A/3
28-MAR-2002
21-SEP-2001 WO 2001JP008246
25-SEP-2000 JP 00P 291318
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                                                                                                    Conservative
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OS Artificial
PN WO 024903
PD 28-WAR-2000
PF 21-SEP-2000
PI YUJI SUGITY
TAKESHI NAGASU,
PI GOZO TSUJI
PC CL2N15/99,
CL2Q1/68,
PC GOIN33/15,
PC GOIN33/15,
CC DESCRIPTION
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BD142809/c
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BD142810/c
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GOIN33/15,
GOIN33/50//C12P21/08,(C12NS/10,C12R1:91),(C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
BD142810.1 GI:23237755
WO 022490-1A/4.
synthetic construct
SM synthetic construct
construct
contraction artificial sequences.
E 1 (bases 1 to 17)
Sugita, Y., Hashida, R., Ogawa, K., Fujishima, T., Nagasu, T.,
Tsujimoto, G. and Takahashi, E.
Method of examining allergic disease
Method of examining allergic disease
L Patent: WO 0224903-A 4 28-MAR-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, YUJI SUGITA, RYOICHI HASHIDA, KAORU
OGAMA, TOMOKO FUJISHIMA, TAKESHI NAGASU, GOZO TSUJIMOTO, EIKI
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C12N15/09,C12NS/10,C07K14/47,C07K16/18,C12P21/02,C12Q1/02,PC
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                                                                                                                                                                                                                                                                                                                                                                          OS ATTÍficial Sequence
N WO 0224903-A/4
PD 2024903-A/4
PD 28-MAR-2001
PF 21-SEP-2001 WO 2001JP008246
PR 25-SEP-2000 JP 00P 291318
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, PI
TAKESHI NAGASU
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Method of examining allergic disease
Patent: JP 2002095500-A 3 02-APR-2002;
GENOX RESEARCH INC, THE DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL
OS Artificial Sequence
PN JP 2002095500-A/3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       02-APR-2002
25-SEP-2000 JP 2000291316
YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI,
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1 (bases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T.
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Location/Qualifiers
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Pred. No. 6.7e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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100.0%; Pred. No. o...
0; Mismatches
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Method of examining allergic disease.
BD143835
BD143835.1 GI:27849593
JP 2002095500-A/3.
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source

FEATURES

RESULT 891 BD143836/c LOCUS DEFINITION

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ACCESSION VERSION KEYWORDS SOURCE

ORGANISM REFERENCE AUTHORS TITLE JOURNAL

COMMENT

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Gaps

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A61K39/395,
PC A01K67/027//C07K16/18,C12N5/10
CC Description of Artificial Sequence:an artificially synthesized
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                                                                                                                                                                                                                                                                                                                                                                        synthetic construct
synthetic construct
other sequences; artificial sequences.

1 (bases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T., Saito,H.,
and Takahashi,E.
Method for examination of allergosis
Patent: WO 0233122-A 3 25-APR-2002;
REDROX RESEARCH INC, JAPAN AS, REPRESENTED BY GENERAL DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL, RINAKO NAKAGAWA YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,WASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA
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C12Q1/68,C12N15/09,G01N33/53,G01N33/50,C12Q1/02,A61K48/00, PC
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synthetic construct
other sequences; artificial sequences.
1 (bases 1 to 17)
Sugite, Y., Hashida, R., Ogawa, K., Obayashi, M., Nagasu, T., Saito, H.
and Tashashi, E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SAITO,EIKI TAKAHASHI
OS Artificial Sequence
PN WO 0233122-A/3
PD 25-APR-2002
PF 11-OCT-2001 WO 2001JP008937
PR 13-OCT-2000 JP 00P 314093
PI YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI, PI
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Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 0;
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    17
    forganism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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BD167836.
BD167836.1 GI:27873648
WO 023122-A/3.
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Method for examination of allergosis.
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WO 0233122-A/4.
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15; Conservative
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Matches
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JOURNAL
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                                                                                                                                                             Description of Artificial Sequence: an artificially synthesized
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(bases 1 to 17)

(bases 1 to 17)

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(consideration of examining allergic disease sequence in patent: JP 2002095500-A 4 02-APR-2002;

(consideration of examining allergic disease sequence of Artificial Sequence of Artificia
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PC C12Q1/02,G01N33/15,G01N33/50//C12P21/08,C12N5/00,C12N5/00, PC
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212Q1/68, A01K67/027, A61K31/7088, A61K31/711, A61K45/00, A61P37/08, PC
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                                                  C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N5/10 PC
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25-SEP-2000 JP 2000291316
YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, WASAYA OBAYASHI,
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Location/Qualifiers
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/organism='Artificial Sequence'
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                             , C12N15/09, C12P21/02, PC C12n1/02
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PAT 17-JAN-2003

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GOIN33/15,
GOIN33/50//C12P21/08, (C12N5/10,C12R1:91), (C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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CIZNIS/09,CIZNS/10,C07K14/47,C07K16/18,CIZP21/02,CIZQ1/02, PC
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Patent: WO 0226962-A 8 04-APR-2002;
Patent: WO 0226962-A 8 04-APR-2002;
GENOX RESEARCH INC, JARAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, MASAKAZU ADACHI, KAZUO MIYANGA YUJI
SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, TAKESHI
NAGASU, HIROHISA SAITO
OS ATTIFICIAL Sequence
PN WO 0226962-A/8
PP 21-SEP-2001
PP 21-SEP-2000
PP 2001-P0008247
PR 26-SEP-2000 JP 00P 293021
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      04-APR-2002
21-SEP-2001 WO 2001JP008247
26-SEP-2000 JP 00P 293021
YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             other sequences, artificial sequences.
1 (bases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T., Nagasu,T.
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/organism='Artificial Sequence'.
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/organism='Artificial Sequence'
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                                 Location/Qualifiers
                                                                                                                                     /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

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    forganism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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synthetic construct
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PI HIRCHISA SA
PC CI2N15/09,C
CI201/68,
PC AOIKG7/027,
PC GOIN33/15,
PC GOIN33/15,
CC Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WO 0226962-A/8.
             sequence
Key
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Matches 15; Conserv
                                                       source
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           SEEE
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ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
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BD167909/c
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                                                                                             FEATURES
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Description of Artificial Sequence:an artificially synthesized
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GOIN33/50//C12P21/08, (C12N5/10,C12R1:91), (C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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C12Q1/68,C12N15/09,G01N33/53,G01N33/50,C12Q1/02,A61K48/00, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           A01K67/027, A61K31/713, A61K45/00, A61K48/00, A61P17/00, A61P37/08,
Patent: WO 0233122-A 4 25-APR-2002;
GENOX RESERCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, RINAKO NAKAGAWA YUJI SUGITA, RYOICHI
HASHIDA, KAORU CGAWA, WASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA
SAITO, EIKI TAKAHASHI
SAITO, EIKI TAKAHASHI
PW WO 0233122-A/4
PD 25-APR-2002
PF 11-OCT-2001 WO 2001JP008937
PF 11-OCT-2001 WO 2001JP008937
PF 13-OCT-2000 JP 00P 314093
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, PI
TAKESHI NAGASU,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 C12N15/09, C12N5/10, C07K14/47, C07K16/18, C12P21/02, C12Q1/02, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Method of examining allergic disease
Method of examining allergic disease
Detent: WO 0226962-A 7 04-APR-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSFITAL, MERRESENTED BY GENERAL DIRECTOR OF
NATIONAL HIROHISA SALTO
OS ALTIficial Sequence
NO 0226962-A/7
PP 04-APR-2002
PP 04-APR-2002
PP 21-SEP-2001 WO 2001JP008247
PR 26-SEP-2001 UP 233021
PP YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOWOKO FUJISHIMA, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ce 1. .17 /organism='Artificial Sequence'
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 17;
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100.0%; Pred. No. 6.7e+02;
ative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                      Location/Qualifiers

    .17
    /organism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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synthetic construct
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PI HIROHISA SP
PI HIROHISA SP
C CI2N15/9,C
CI2Q1/68,
PC AOIKG7/027,
PC GOIN33/15,
PC GOIN33/15,
CC Description
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Best Local Similarity
Matches 15; Conserv
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16

ઠ 용 BD167908/c LOCUS

RESULT 894

ORGANISM ACCESSION VERSION KEYWORDS SOURCE

AUTHORS

REFERENCE

JOURNAL

COMMENT

TITLE

source

FEATURES

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Gaps

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PP 25-APR
PP 28-SEP
PP 13-OCT
PP 13-OCT
PD 14-OCT
PD 17-OCT
PD 17-
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VERSION
KEYWORDS
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JOURNAL
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Datent: WO 0233069-A 19 25-APR-2002;
GENOX RESEARCH INC, JABAN AS REPRESENTED BY GENERAL DIRECTOR OF
GENOX RESEARCH INC, JABOPINE, TOWOYUKI FUKASAWA, CHUHEI NOJIRI, NOBUO
MATSUHASHI, KOJI NISHIZAWA, YUJI SUGITA, RYOICHI HASHIDA, KAORU
OGAWA, MASIYA OBAYASHI, TAKESHI NAGASU, HIROHISA SAITO
OS Artificial Sequence
PN WO 0233069-A/19
PD 25-APR-2002
PP 28-SEP-2001 WO 2001JP008574
PR 13-OCT-2000 JP 00P 314093
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, WASAYA OBAYASHI, PI
TAKESHI NAGASU,
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Method for examination for allergosis
Patent: WO 0233069-A 20 25-APR-2002;
GENOX RESERSENTED BY GENERAL DIRECTOR OF
MATIONAL CHILDREN'S HOSPITAL, TOWOYUKI FUKASAWA, CHUHEI NOJIRI, NOBUO
MATSUHASHI, KOJI NISHIZAWA, YUJI SUGITA, RYOICHI HASHIDA, KAORU
OGAWA, MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA SAITO
NO 02331069-A/20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COTX14/47,COTX16/18//C12P21/02,C12P21/08
Description of Artificial Sequence:an artificially synthesized
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                                                       PAT 17-JAN-2003
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                                                                                                                                                                                                                                                                                                       Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T. and
Saito,H.
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/organism='Artificial Sequence'.
Location/Qualifiers
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                                                          linear
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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BD168113.1 GI:27873925
WO 0233069-A/20.
synthetic construct
other sequences, artificial sequences.
1 (bases 1 to 17)
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Method for examination for allergosis.
                                                                                 Method for examination for allergosis.
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synthetic construct
other sequences; artificial sequences.
(bases 1 to 17)
                                                          17 bp
                                                                                                   BD168112
BD168112.1 GI:27873924
WO 0233069-A/19.
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Best Local Similarity 100.0°
Matches 15; Conservative
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                                                          BD168112
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VERSION
KEYWORDS
SOURCE
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                                                                         DEFINITION
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VERSION
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RESULT 896
BD168112/c
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SOURCE
ORGANISM
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Taujimoto, G.

Method of examining allergic disease
Patent: WO 0250269-A 37-JUN-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, MASAMICHI TAKAGI, AKINORI OTA YOSHIKO
MATSUWOTO
GOZO TSUJIMOTO
OS Artificial Sequence
PN WO 0250269-A/3
PD 27-JUN-2000
PP 21-DEC-2001 WO 2001JP011286
PR 21-DEC-2000 JP 00P 389476
PI YOSHIKO MATSUMOTO, YUKIHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA, PI
                                                                                                                                                                         COTK14/47, COTK16/18//C12P21/02, C12P21/08
Description of Artificial Sequence:an artificially synthesized
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CIZNI5/11,CO7K16/18,A61K67/027,A61K31/711,A61K45/00,A61K48/00,
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                                                                                                           HIROHISA SAITO
C12N15/09,C12N15/63,C12Q1/68,C12Q1/02,G01N33/53,C12N5/10,
25-APR-2002
28-SEP-2001 WO 2001JP008574
13-OCT-2000 JP 00P 314093
YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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100.0%; Pred. No. 6.7e+02;
tive 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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other sequences; artificial sequences.
1 (bases 1 to 17)
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Best Local Similarity 100.0
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CS223633/c
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E34259/c
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synthetic construct
other sequences; artificial sequences.
I (bases I to 17)
Matsumoto,Y., Imai,Y., Oshida,T., Sugita,Y., Nagasu,T. and
Tsujimoto,G.
Method of examining allergic disease
Patent: WO 0250269-A 4 27-JUN-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, MASAMICHI TAKAGI,AKINORI OTA YOSHIKO
MATSUMOTO, YUKIHO IMAI,TADAHIRO OSHIDA,YUJI SUGITA, TAKESHI NAGASU,
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Mo 0250269-A/4
27-JUN-2002
21-DEC-2001 WO 2001JP011286
21-DEC-2000 JP 00P 389476
YOSHIXO MAISUMOTO, YUKIHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GOZO TSUJIMOTO
C12N15/11,C07K16/18,A61K67/027,A61K31/711,A61K45/00,A61K48/00,
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/organism='Artificial Sequence'
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    Length 17;
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Query Match 0.5%; Score 15; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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C12Q1/68,G01N33/50
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WO 0250269-A/4.
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synthetic construct
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ON Polinosis-associated gene.

E34259.1 GI:18624264

JP 2000106879-A/3.

Synthetic construct

Synthetic construct

Synthetic construct

Other sequences:

I (bases I to 1)

S Nagsau, T., Sugita, Y., Kashiwabara, T., Oshida, T., Obayashi, M., Gunji, S., Obayashi, I., Imai, Y., No, N. and Ogawa, K.

Cunji, S., Obayashi, I., Imai, Y., No, N. and Ogawa, K.

D Patent: JP 2000106879-A 3 18-APR-2000;

GENOX RESEARCH INC
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Immunostimulatory nucleic acids for inducing il-10 responses
Patent: WO 2005111057-A 32 24-NOV-2005;
Cley Pharmaceutical GmbH (DE); Coley Pharmaceutical Group, Inc. (US)
Patent: WO 2005111057-A 31 24-NOV-2005;
Coley Pharmaceutical GmbH (DE); Coley Pharmaceutical Group, Inc.
(US)
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/mol_type="unassigned DNA"
/db_xref="texxon:32630"
/note="Synthetic oligonucleotide"
1..17
/note="where the linkages between bases are phosphorothioate linkages"

    1.17
/note="where the linkages between bases are
phosphorothioate linkages"

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100.0%; Pred. No. 6.7e+02;
tive 0; Mismatches 0; Indels
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide"
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synthetic construct
other sequences; artificial sequences.
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unidentified

Takamichi,M., Tsuyoshi,F., Masaharu,K., Takashi,I. and Kazunori,O.
Method for preparing nucleic acid sample for analyzing minor gene,
uncleic acid sample thus prepared and method for analyzing nucleic
acid sample by using the same, and reagent kit and analyzing service
for using the same
Patent: JP 2000037193-A 3 08-FEB-2000;
Unidentified
OS Unidentified
                                  hethod for preparing nucleic acid sample for analyzing minor gene, nucleic acid sample for analyzing minor gene, acid sample thus prepared and method for analyzing nucleic acid sample by using the same, and reagent kit and analysis service for using the same.
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Unclassified.
1 (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2549 12-FEB-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TAKAMICHI MATSUMURA, TSUYOSHI FUJITA, MASAHARU KIYAMA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.5%; Score 15; DB 1; Length 17; 100.0%; Pred. No. 6.7e+02;
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100.0%; Pred. No. 6.7e+02;
tive 0; Mismatches 0;
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Strandedness: Single;
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Sequence 2549 from patent
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08-FEB-2000
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E59657.1 GI:13019451
JP 2000037193-A/3.
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PI KAZINORI OKANO
PC CI2NIS/09,C1201/
CC Strandedness: Si
CC Topology: Linear
FH Key
FT source
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MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NING NO,
KAORU OGAWA
CI2N15/09, A61K31/00, A61K39/36, A61K45/00, C12Q1/68, C12N15/00 CC
                                                                                   TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,TADAHIRO OSHIDA,
MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
                                                                                                                                   KAORU OGAWA
CI2N15/09, A61K31/00, A61K39/36, A61K45/00, C12Q1/68, C12N15/00 CC
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Spritcheric construct
Sm synthetic construct
Construct
Sm synthetic construct
Cother sequences; artificial sequences.

E 1 (bases 1 to 17)
S Nagasu,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M., Pollinosis-associated gene
Pollinosis-associated gene
L Patent: JP 2000106879-A 4 18-APR-2000;
CENOX RESEARCH INC
OS Artificial Sequence
PN JP 2000106879-A/4
PD 18-APR-2000
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    ^organism="synthetic construct"
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JP 2000106879-A/3
18-APR-2000
06-OCT-1998 JP 1998284610
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RESULT 906 AR187064/c

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1 (Dases I to 17)
Pavco, P., McSwigen, J.A., Stinchcomb, D.T. and Escobedo, J.
Rethod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 656127-A 1073 20-MNY-2003;
Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO Location/Qualifiers
Unclassified.

1 (bases 1 to 17)

Muramatsu,T., Fujita,T., Kiyama,M., Irie,T. and Okano,K.

Preparation method of nucleic acid sample for rare expressed genes and analyzing method using the prepared nucleic acid samples
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               [ [bases 1 to 17] McClelland, M. Welsh, J. and Trenkle, T. McClelland, M., Welsh, J. and Trenkle, T. McClelland, M. Welsh, J. and Trenkle, T. Bacuced complexity nucleic acid targets and methods of using same Patent: US 6495319-A 64 17-DEC-2002; Sidney Kimmel Cancer Center; San Diego, CA;
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6.7e+02;
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tive 0; Mismatches 0;
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0.5%; Score 15; DB
Best Local Similarity 100.0%; Pred. No. 6.7
Matches 15; Conservative 0; Mismatches
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Sequence 64 from patent US 6495319.
AR266626
AR266626.1 GI:29695690
                                                                                                                Patent: US 6485916-A 3 26-NOV-2002.
Hitachi, Ltd.; Tokyo;
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/organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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1 (bases 1 to 17)
1 (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Patco, P., McSwiggen, J. the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2552 12-FEB-2002;
Location/Qualifiers
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Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 118 29-OCT-2002;
Board of Regents, The University of Texas System; Austin,
Location/Qualifiers
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Sequence 2552 from patent US 6346398.
AR187064.1 GI:20233029
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Sequence 118 from patent US 6472154.
AR241830.1 GI:27287642
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Sequence 3 from patent US 6485916.
AR256849 1 GI:27306475
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PAT 17-AUG-2003

PAT 15-DEC-2004

Query Match

LOCUS AR323674/c

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1 (bases I to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6818447-A 1073 16-NOV.2004;
Sirna Therapeutics, Inc.; Boulder, CO
Location/Qualifiers
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Barco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6818447-A 1076 16-NOV-2004;

Sirna Therapeutics, Inc.; Boulder, CO

Location/Qualifiers
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Ishiwata,T., Sakurada,M., Nishimura,A., Nakagawa,S., Nishi,T.,
Kuga,T., Sawada,S. and Takei,M.
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AR614734
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Unclassified.
Unclassified.
Ishiwata,T., Sakurada,M., Kawabata,A., Nakagawa,S., Kuga,T.,
Ishiwata,T., Sakurada,M., Nagaee,T., Sawada,S. and Takei,M.
Nishi,T., Nomura,N., Nagaee,T., Sawada,S. and Takei,M.
DNA encoding IGA nephropathy indicating protein
Patent: US 679094-A 4 14-SEP-2004;
Kyowa Hakko Kogyo Co., Ltd. and Kazusa DNA Research Institute
Foundation; Tokyo;
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larity 100.0%; Pred. No. 6.7e+02;
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ative 0; Mismatches 0;
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Sequence 1076 from patent US 6566127.
AR323674
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/mol_type="unassigned RNA"
/mol_type="unassigned RNA"
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AR581586
AR581586.1 GI:56613009
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/organism="unknown"
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Mammalia; Butheria; Buarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 652 25-SEP-2002;
     Gaps
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Ishiwata,T., Sakurada,M., Kawabata,A., Nakagawa,S., Nishi,T.,
Kuga,T., Sawada,S., Takei,M., Shibata,K. and Furuya,A.
IgA nephropathy-related DNA
Patent: US 5962984-A 109 08-NOV-2005;
Nihon University; Tokyo;
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Matches 15; Conservative 0; Mismatches 0;
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Sequence 109 from patent US 6962984.
AR763501
AR763501.1 GI:83336741
     Mismatches
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Sequence 652 from Patent BP1243660.
AX545139
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/db_xref="taxon:9606"
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/wol_type="genomic DNA"
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Ishiwatca, T., Sakurada, M., Nishimura, A., Nakagawa, S., Nishi, T.,
Kuga, T., Sawada, S. and Takei, M.
IGA nephropathy-related genes
Patent: US 6828428-A 107 07-DEC-2004;
Kyowa Hakko Kogyo Co., Ltd.; Tokyo;
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IGA nephropathy-related genes
Patent: US 6828428-A 106 07-DEC-2004;
Kyowa Hakko Kogyo Co., Ltd.; Tokyo;
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AR763500
AR763500.1 GI:83336740
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Seguence 107 from patent US 6828428.
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/organism="unknown"
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AR614735/c
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
                                                                                                Eukaryoča, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10

Patent: EP 1243660-A 654 25-SEP-2002;

Aeomica, Inc. (US)

Location/Qualifiers
                                                                                                                                                           Zhang,J., Gu,Y. and Nguyen,C.T.
Human udp-galmac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 653 25-SEP-2002;
Aeomica, Inc. (US)
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Sequence 653 from Patent EP1243660.
AX545140
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                                   AX545140.1 GI:25810351
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Hammal-derived tissue specific physiologically active protein.

S100N E32460.

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GNB DNA linear PAT 18-JUN-200.

BY 2000037190-A/20.

S Synthetic construct

Other sequences, artificial sequences.

Other sequences, artificial sequences.

NCE Ju,N., Yusuke,N. and Toshihiro,T.

ORS Jun,N., Yusuke,N. and Toshihiro,T.

E Mammal-derived tissue specific physiologically active protein

NAL JAPAN TOBACCO INC

OR Artificial Sequence

PN JP 2000037190-A/20

OS PR PEB-2000

PR 23-JUL-1998 JP 1998225228

PR JUL-1998 JP 1998225228

PR JUN NISHIU, YUSUKE NAVANUMER.
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
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Guo,J.
Human prostate cancer candidate protein 1
Patent: WO 03050284-A 160 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Human prostate cancer candidate protein 1
Patent: WO 03050284-A 163 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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0.5%; Score 15; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 0;
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Matches 15; Conservative 0; Mismatches 0;
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Seguence 163 from Patent WO03050284.
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Search completed: November 7, 2006, 10:21:54 Job time: 49 secs
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                            C12P21/02,C12P21/08//(C12N5/10,C12R1:91),(C12P21/08,C12R1:91),
C12N15/00,
 C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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CI2N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10, PC
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JP 2000037190-A/21.
Synthetic construct
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other sequences; artificial sequences.
1 (bases 1 to 18)
Jun,N., Yusuke,N. and Toshihiro,T.
Mammal-derived tissue specific physiologically active protein
patent: JP 2000037190-A 21 08-FEB-2000;
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                                                            C12N5/00, C12N15/00, (C12N5/00, C12R1:91)
                                                                                   Key Location/Qualifiers primer_bind (1). (18). Location/Qualifiers
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Sequence 1 from patent US 6828142.
AR613537.1 GI:56669579
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JP 2000037190-A/21
08-FEB-2000
23-JUL-1998 JP 1998225228
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1 (bases 1 to 18)
Barbera-Guillem, E., Nelson, M.B. and Castro, S.L.
Polynucleotide strands operably linked to nanocrystals functionalized to be water soluble
Patent: US 6828142-A 1 O7-DEC-2004;
Bio-Pixel Lide; Westerville, OH
Location/Qualifiers
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Barbera-Guillem,E., Nelson,M.B. and Castro,S.L.
Polymucleoride strands operably linked to nanocrystals functionalized to be water soluble
Patent: US 6828142.A. 2 O7-DEC-2004;
Bio-Pixel Luci, Westerville, OH
Location/Qualifiers
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Sequence 2 from patent US 6828142.
AR613538 GI:56669580
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